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STEAM NAVIGATION, COMMERCE, MINING, MANUFACTURES.

HENRY V. POOR, Editor.

ESTABLISHED IN 1831.

PUBLISHED WEEKLY BY J. H. SCHULTZ & CO., AT NO. 9 SPRUCE ST., NEW-YORK, AT FIVE DOLLARS PER ANNUM IN ADVANCE. SECOND QUARTO SERIES, VOL. XI., No. 27.1 SATURDAY, JULY 7, 1855. [WHOLE No. 1,008, VOL. XXVIII.

MESSES. ALGAR & STREET, No. 11 Clements Lan Lombard Street, London, are the authorised European Age

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American Railroad Journal

PUBLISHED BY J. H. SCHULTZ & CO., No. 9 SPRUCE ST.

New York, Saturday, July 7, 1855.

conviction that they promote the general good, result, or the nation falls from pure exhaustion.

better than any other that could be devised, we From the fortunate position of this country we acteristic of, and the most oppressive burden they impose. Because Great Britain may from ganic law of nearly every State. upon the nations of the old world. The cost of some unexplainable design or caprice, adds 50,000 We make these remarks for the purpose of givthe maintenance of this burden often excee s the additional troops to her forces, we do not feel ing a distinct idea of the nature of what may be

largest sum that can be drawn by the most ingenious modes of taxation, and has to be met by constant resort to loans which nearly, if not quite, equal the entire productive capacity of a people from whom they are drawn. In this country, fortunately, the policy of the Government is not guided and controlled by that of a neighbor, in whose ambitious designs or bal faith we are directly involved by the necessity of adequate means to circumvent them.

We do not intend to pursue this comparison, though it might be most interesting to inquire to what extent a nation may go in exceeding, in their expenditures, their yearly revenues. As the principle is fundamentally wrong in nations, as well as individuals, the end must be disastrous, however remote. It is undoubtedly postponed in any given case by the inventive genius of the times, which has so vastly increased the productive capacity of industry. Great Britain owes her achievements much more to her artisans, than her soldiers Her national debt far exceeds in amount, the whole value of property in the United Kingdom one hundred years ago.

But the expenditures of European nations bear no relation to their wealth or progress in arts or American & Foreign Securities Contrasted. commerce. Austria, one of the least commercial What more than anything else distinguishes the nations of the old world, and with comparatively United States is the almost entire exemption from little accumulated wealth, is forced, from the rethe controverses and contests which disturb and lations she sustains toward other nations; and her distract the nations of the old world. On this own people, to support a vast army, at a cost far continent we have no rival or enemy whose designs exceeding all her public revenues. She thinks can give a moment's apprehension or alarm. We herself compelled to regulate her policy more by are invulnerable to all attack from abroad, and do what her neighbors are thinking or doing, than not presume, by any physical demonstration, to by considerations drawn from the wants or necesextend our power or influence beyond the uncesities of her own people. So long as diversities cupied portions of the territory by which we are of nationalities, or of opinions, or objects prevail, partly surrounded; and as our domestic institutions so long must vast establishments be kept up to reflect the opinions and wants of the people of the maintain in each country the existing status. several States, and are constantly modified to Every year adds to the cost of its maintenance, meet any change in the popular sentiment, and as and for aught we can see, will add to it, till, as in implicient obedience is rendered to our laws from a the case of Spain, practical repudiation is the

called upon to make this caprice the law of our conduct and raise an equal force to check-mate her, The scope of action of our Government, therefore, is limited to such measures as promote the good of the people, and in any given emergency its acts are such as would characterize a man or body of men in the prudent management of their affairs. Thus, the ordinary sources of revenue of the General government, and of all the State governments exceed the ordinary expenditures. When an extraordinary expenditure is required for unusual objects, the necessary means are raised upon a contract which has all the characteristics of a commercial transaction, and which provides for the payment of the loan, with a stipulated rate of interest, on a day certain. The first step of the borrowing party after receiving the money is to adopt such means as will pay the debt at maturity by the operations of an established law. The greater part of the public debt of this country is owed by the States. The functions of the governments of these are purely pacific. Their debts have, almost without exception, been contracted for works of public improvement, from the influence of which the people have been benefitted to a much greater extent than their cost. Our public debts, unlike those of any other country, are strictly commercial transactions, for which a full equivalent has been received. They possess, therefore, a guaranty for their safety which none other can show, in addition to the agreement for their specific payment, for which means are certain to be provided, as before stated, by the operations of law. There is, therefore, no danger of their excessive increase, or that they will exceed the safe limit of commercial enterprize. The creation of State, or national debts, payable "at the pleasure of government" is too edious an idea to be tolerated. The legislation of this country has in fact the exactly opposite tendency, of restraining the legislatures of the several States from the creation of any debt. Such clauses are now usually inserted in the constitutions of the several States as fast as are saved the maintenance of those vast military are saved the necessity of becoming a party to they are amended, and a few years only will establishments which are both the leading char- European politics and the necessities and burdens elapse before such restrictions will become the or-

This road was chartered in 1888 and began

differs intrinsically from that of any other country. The particulars in which it does differ, constitute its superior value. It rests equally upon national faith, while for every dollar borrowed for public imprevements, and for which nineteentwentieths of it have been contracted, our people have two dollars to show. The disposition to pay is generally in proportion to the extent of means possessed, and the consideration rendered subjected to this test, the value of the securities of foreign governments can give no ratio to those of our

Railroads in Connecticut.

REPORT OF THE GENERAL RAILROAD COMMISSIONERS TO THE LEGISLATURE OF 1854-5.

New York, Providence and Boston

This road was chartered in 1832, and began operations in 1839. It is what is usually called the Stonington road, and was the first one chartered and operated in Connecticut.

It forms connections at Providence with Boston and Worcester trains, and connects at Stonington with boats for New York and New London. By neans of water conveyance it accommodates the New London and New Haven, and the New London, Willimantic and Palmer Railroads.

The Commissioners have inspected this road at different times during the past year. The road has always been found in excellent condition, excepting that some of the rails are considerably The engines used on the way-trains are not of the most modern style, nor of large capaci-ty, but appear to be in good working condition. A portion of the rolling stock has evidently been in use for a considerable length of time and is

somewhat worn, but in a safe condition.

The station house at Stonington is convenient for the exchange of freight, but the accommodations for passengers are not of an extravagant character. No accident on this road has come to character.

our knowledge the past year.

Norwich and Worcester.

This road was chartered in 1882. Commenced running trains in 1840. Its trains connect as far as practicable with Nashua, Western, and Worcester and Boston, in Mass., and to some extent accommodates the Boston and New York Central, Providence, Hartford and Fishkill, and connects at Norwich with New London, Willimantic and Palmer road, morning and afternoon. Two express trains pass over this road daily, connecting with steamboats at Allyn's Point, seven miles be low Norwich, forming a convenient and expediti-ous route between the cities of Boston and New

The company have fifteen engines and the same number of passenger cars. The engines now in use on the road are not all of the first class. In fact, some of them can hardly be deemed suffi-cient for the purposes to which they are appro-priated. The buildings, station-houses and fix-tures, together with the repair shops, do not compare favorably with many others in the State.

Although many of the rails are badly worn, the road is not neglected. At our last examination we found the track most of the way, well ad-

The passenger cars are good and of easy car riage. The persons employed in its operation are generally judicious and experienced men. A considerable amount has been expended on the road

in placing new ties, and making general repairs.

It crosses the Hartford, Providence and Fishkill road at an even grade in the town of Plainfield. Permission has been given to the express passenger trains to pass this crossing between the hour of seven o'clock in the evening, and the same hour in the morning, without coming to a full stop as required by law.

It also has a draw-bridge, (seldom used,) upon

its extension to Allyn's Point.
At an examination in August, we found the

termed the public indebtedness of this country. It Allyn's Point extension in an unsafe condition, and recommended immediate repairs. We also recommended that a flag-man be stationed at the Danielsonville road crossing, on the approach of trains from the north which do not stop at this

station.
These recommendations were immediately carried into effect.

Hartford, New Haven and Springfield.
Was chartered in 1833, from Hartford to New
Haven; from Hartford to Springfield in 1835. It
went into operation in 1838.

This road is supplied with a double track near

ly its entire length.

Connects with the Western, and Connecticut River Valley Railroads at Springfield, Mass.; Hart-ford, Providence and Fishkill, at Hartford; New York and New Haven, at New Haven, and by its coneections forms a through land route between Boston and New York.

It crosses the Hartford, Providence and Fish-kill Railroad, at Hartford, and the New London and New Haven road, at New Haven, on an even

It has one branch connecting at Berlin and ex-

tending to Middletown, a distance of ten miles.

This road has been visited at different times during the past year, and invariably found in excellent working order, and possessing capacity for a large business. Its affairs appear to be con ducted with safety and convenience, and all its departments receive every needed attention .-Most of the engines and cars are in good condi tion. The workshops connected with the road are furnished with skillful mechanics and good machinery.

Housatonic.

Road was chartered in 1836; commenced its operations in 1842. The Commissioners gave this road a careful examination in September last. It was then with few exceptions, in fair order.-The notice of the company was called to such places as in our opinion needed attention.

On an examination in April of this year, we found the repairs had been made, the bridges and masonry put in good condition, and the road generally improved, with the exception of a few places which had suffered from the action of

frost.

The damages caused by the remarkable freshets of last year have been fully and faithfully re-paired. The company have eleven engines, seven of which are in perfect order. The passenger cars are provided with doubled action breaks and safety beams, and those in use in good condition. A considerable amount has been expended upon the equipments of this road during the past

Connections are made with the Western Railroad, by means of the Pittsfield and Berkshire roads in Massachusetts; with the New York and New Haven, and Naugatuck, at Bridgeport.

The amount of passenger business, although smaller than some other roads in the State, has been of late increasing. The station houses and buildings on the line, are of cheap construction and limited dimensions.

New York and New Haven.

Chartered 1844. Commenced using the road for trains 1848. Twenty-three engines, many of which are first class and large capacity, and six-ty-seven passenger cars, most of them in perfect repair, are in use, and every part of the machin-ery bears the impress of workmanship and skill-ful management. Four express, eight through way-trains, and six local trains, are run upon this road daily, besides freight. Passenger cars, on reaching the city of New York, are detached from the engine and drawn by horse power to

Canal street:
Connections are made at New Haven, with
New London and New Haven, Hartford and New
Haven, and Canal roads. At the junction in
Stratford with Naugatuck; at Bridgeport with
Housatonic; and at Norwalk with the Danbury
and Norwalk Railroads.

This road, on account of its location and the

great number of passengers which are daily travelling upon it, is one of the most important to the The returns to the company show that

State. The returns to the company show that nearly double the passengers are conveyed over this road daily than any other.

The Commissioners made a careful examination of its bridges, engines, cars, workshops and everything connected with its operations, in September, and again in April of the present spring. On our first inspection, we found a culvert much damagad by the effect of water, which materially weakened the road. In our opinion, also, a high rate of speed over Coscob bridge was attended with risk. We therefore recommended that the culvert at Greenwich be rebuilt, and that a rate of vert at Greenwich be rebuilt, and that a rate of speed be adopted in crossing Coscob bridge not exceeding six miles per hour. These recommendations were carried into immediate effect.

The trestle and pile bridge at Coscob is being rebuilt on solid masonry in a substantial manner, and it is the design of the company to forward this work to completion at the earliest possible

It crosses the Housatonic at Bridgeport on an even grade, and passes over six draw-bridges.—Permission has been given, with suitable regulations, for all trains coming from the west which stop at Norwalk station, to pass the draw at that place without bringing the trains to a full stop. With the exception of six miles, where it con-

nects with the Harlem road, it is provided with a

double track its entire length,

The Commisioners were favorably impressed with the perfect order and regulations which the Superintendent has carried into every department of the business transactions of this road .-Every precaution to prevent accidents has been adopted, and the best provisions are made for the

comfort and conveience of passengers. Among the recent improvements, none are more deserving, than that of Mansfield's patent Switch and Switch-house, which have been substituted throughout the entire length of this road, in place of those in ordinary use. This Switch is so con-trived that the operator is obliged to step inside of a white house by means of a revolving door covering the place of operation: This door upon one side is white, corresponding with the entire building; the other side is of a bright red color, and when exposed can be seen at a great distance. When the Switch is changed to the turn-out track, the red side of this door by day, and a red light by night, is displayed, and signals the engineer of an approaching train that it must stop.— The operator himself can not open the door until

the Switch is placed upon the main track. Its adoption in our opinion supersedes the ne-

essity of flag-men.

Naugatuck.
Was chartered in 1845. Trains put upon the oad in 1849. This road on our examination in September last, had not recovered from the effects of the uncommon freshets of last year. Its affairs, however, were at that time conducted with watchful care and prudence. A low rate of speed was recommended by us while the repairs were

progressing.

We visited this road again in April last and found the necessary repairs nearly completed, and a marked improvement in many respects, from its condition before the injuries. Such is the condition of the country through which it passes, that the location necessarily brings it near the Nangatuck river, and subjects it to the course and action of that stream; which during some portions of the season is one of the most violent in New England. In the recent repairs, the spans of bridges and water courses have been very much widened, and the road-bed raised, which will, to a great extent, prevent the the recurrence of serious damage by freshets.

The company have eight engines in perfect repair, eleven passenger cars, eight of which are in good condition. Four passenger and two freight

trains are run daily.

It accommodates the Hartford, Providence a Pishkill Railroad at Waterbury; where suitable

Was chartered in 1846. Commenced running trains in 1848. Was thoroughly inspected in all its departments in August, and again in April last. The New York and New Haven Railroad Company have a lease of this road for a term of years, and are operating the same. It is now open from New Haven to Westfield, Mass., touching the Western Railroad at that place.

The road on our examination was in fair working order, excepting a few places thrown out of

shape by the action of frost.

Its cars, engines, and other equipments, are suitably adapted to the business of the road.

It crosses the Hartford, Providence and Fishkill road at Plainville on its own grade, and con-nects at New Haven with New York and New Haven road.

Danbury and Norwalk.

Road chartered in 1849. Trains put upon it in 1852. We gave the road a thorough inspection in September, and found there had been serious injuries caused by the freshets of the past season. The rolling stock, however, was in good condi-

At our subsequent spring examination we found the damages all repaired, and a marked improvement in the span of its bridges, and the solidity and permanence of the mason work. The engines and cars are mostly new and in excellent order.

The regulations of this road are well adapted to give safety to the travelling public, and proper facilities for business transactions.

This like many other roads has suffered from the effect of frost. It intersects at Norwalk with the New York and New Haven road.

New London, Willimantic, and Palmer. Chartered in 1847, and commenced operating upon a portion of the road in 1849.

That part of the road between N.London and Nor wich like many others located near the water, possesses a large amount of curvature, and many of the curves are of small radius, but is nevertheless an important part of the road, as with suitable connections with the Norwich and Worcester, at Norwich, and New London and New Haven roads. at New London, it helps form the eastern land route between the cities of Boston and New

Its equipments are limited, but sufficient for its present business. Engines and cars at our last examination were found in fair working order.— The commissioners have passed over the entire length of the road twice during the year, and found it each time in a safe condition. The material that composes the road-bed is such that it can be kept in repair at much less expense than many others in the State.

Complaint has been made of the manner in which the affairs of this road have been conducted the past year, both on the account of connections and the transportation and exchange of freight. Some changes have, however, been made of late, which appear to give general satisfac-

The station house at Norwich is not adapted to the wants either of the company or the public, and is in many respects dangerous. The apology of-fered for neglecting to furnish better accommoda-tions at this point is found in the Commissioners' report of last year, to which may be added the provision contained in the nineteenth section of the Act of their incorporation, which requires the company to maintain a depot between the Wharf Bridge and Waterman's Point, where it is claimed to be next to impossible to erect such a building as the business of the road requires, A new sta-

This road has three unimportant draw-bridger and crosses the Hartford, Providence and Fishkill road at Willimantic on its graded surface. Permission has been given the company with

suitable regulations, to pass the draw at New Lon-don without first coming to a full stop.

Hartford, Providence, and Fishkill.

Chartered 1847. Commenced operating with cars 1849. This road is now open for public travel, and in operation from Waterbury in this State, to Providence in Rhode Island, a distance of 123

It makes connections with the different roads leading into Providence;—accommodates the Norwich and Worcester railroad at Plainfield; connects at Willimantic with New London, Willi-mantic and Palmer road;—at Hartford with Hartford, New Haven and Springfield;—at Plainville with New Haven and Northampton;—at Water-bury with Naugatuck railroad and is the longest road within the State.

Those portions of it between Bristol and Waterbury, and Willimantic and Providence, have been opened for public travel within the last year. our examination in October we found that the bridges had not been fully repaired which were injured by former freshets, and that some other portions of the road needed attention. Since that time, however, the bridges have been put in good order with one exception. That section of the road between Bristol and Waterbury is in an unfinished state, and care will be necessary in its operations to prevent accident, until it is better fitted for travel. A rate of speed has been adopted which, if not increased, will be attended with

The eastern part of the road bed is of a character which will suffer comparatively little from the action of frost. The station houses appear to be of a temporary character. The engines and

cars now in use, are all in excellent condition and well adapted to passenger travel. This road passes over four other railroads in this State, on an even grade, and one draw-bridge over the Connecticut river at Hartford. The depot at Willimantic, one of the most important east of Hartford, is poorly adapted to the wants of the public.

Middletown Branch

Chartered in 1847. Commenced running trains in 1851.

This road is owned and operated by the Hart ford and New Haven railroad company. It is ten miles in length, and connects with trains for Hart-ford and New Haven at Berlin, its terminus being at Middletown.

When we first visited it, we found it in a fair condition with the exception of some defective ties, which on subsequent examination were found replaced by new. The arrangements on this road seem adapted to public convenience. No separate account of its amount of business has been re

New Haven and New London.

Chartered in 1848. Began to run trains in 1852. The order and regulations with which the affairs

connections will doubtless soon be made; also connects with New York and New Haven, at Bridgeport, and at the junction in Stratford; passing over two draw-bridges on New York and New Haven road.

Waterbury's car ventilator is used, which adds much to the comfort of passengers during the hot and dusty season, and is considered among the valuable improvements connected with railroads.

New Haven and Northampton.

This road less three unimportant draw-bridges.

This road crosses four draw-bridges.

This road crosses four draw-bridges.

It which could be changed for the better, but much that is worthy of imitation. Six passenger the public. The Commissioners believing that a bridge in the latter place will accommodate the bridge, and will, when finished, better meet the wants of the wants of the public. The Commissioners believing that a bridge in the latter place will accommodate the bridge, and will, when finished, better meet the wants of the wants of the public. The Commissioners believing that a bridge in the latter place will accommodate the bridge, and will, when finished, better meet the wants of the wants of the public. The Commissioners believing that a bridge in the latter place will accommodate the bridge, and will, when finished, better meet the wants of the wants of the public. The Commissioners believing that a bridge in the latter place will accommodate the bridge trains run over the road daily, making connections trains run over the road sall was here well as at any other locality, recommended the

This road crosses four draw-bridges, also one

railroad at even grade.

East Thompson.

As this road is only graded in part, and no important progress having been made the past year, there is nothing of interest to add to the former report of the Commissioners.

Boston and New York Central.

That part of this road leading from Mechanicsville in the town of Thompson, to Blackstone in Massachusetts, where it unites with what was former-ip called the Norfolk County road, is of recent construction, and at our last examination, in an unfinished state.

Its junction with Norwich and Worcester Railroad, makes a quick and convenient route to Bos ton for persons on the line of the latter, south of

Thompson.

The Commissioners visited this road last fall, and examined its condition. It was found to be id many respects unfit for service, and in our opinlon, unsafe for the rate of speed then running.— We recommended the adoption of a rate of speed not exceeding fourteen miles per hour. This re-commendation was totally disregarded. Owing to some financial difficulties the trains were discontinued. Since which time the road has been much improved, and one train of cars has recently commenced running. Eight miles only are loeated within this State.

The report of the State Commissioners of last ear, as well as the Act requiring us to report any violation of law, has called our attention to the question whether any charter exists which antho-rizes the present location of this road. It will be but little risk. The other new portion of this road seen by reference to an Act of Massachusetts, that but little risk. The other new portion of this road seen by reference to an Act of Massachusetts, that is in better condition, the most of it being well in 1849, a charter was granted for a road which should run from "Southbridge through Dudley, and Dishridge to Blackstone, with a Webster, and Uxbridge to Blackstone, with a right to pass through Connecticut, by leave of that State." It also appears that leave was granted by Connecticut the same year to pass from that point in the dividing line between this State and Massachusetts, thence through a portion of Thompson in Connecticut in the most convenient way toward said Blackstone, so as to form in the most convenient manner a continuous railroad from Southbridge to Blackstone."

In our opinion it requires a broad construction of this grant, to allow the building of a railroad from the north-east corner of the town of Thompson, in a direction toward toward the city of Nor-

New York and Boston.

The grading of this road which is now in process of construction, has been continued during a greater portion of the year, between Middletown and New Haven. The Commissioners visited these We found the works in the month of April last. masonry of the most substantial character, and

the grading well prepared for a double track.

By a late act of the Massachusetts Legislaturo
the Charles River Railroad Company of that State has been authorized to unite with this road under the common name of the New York and Boston Company, so as to make one Corporation under one management, and thus secure an uninter-rupted line from the city of New Haven to Bos-

Owing to the unusual financial troubles so uniof this road are conducted meet with very general approval. The station houses and buildings throughout its entire length, are remarkable for convenience, and their neat and orderly condition. No part of its business has the appearance of neglect or want of attention. The Commissioners have visited and inspected this road twice during the past year, and as yet have seen but very lit. versally felt the past year, but little progress has been made in its construction. It is understood that a change of contractors has recently taken place, and that arrangements are being made which will greatly facilitate the building of the road. Beyond this, there is nothing of interest to

	tr ag Boston and New York Centu		ics Naugatuc			Hartford, Providence & Fish	New Haven and New London	New York, Providence & Bo	Norwich and Worcester	Connecticut." Name of Roads.	of the state of th
749	50	74	67	n 55	ield. 72	kill. 128	mer. 66	ston. 50	66	Entire Length. Miles.	12
111	air air I		18	3	55	1 1	l l	100	to the state of	Length of Double Track	
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18.589.173 28.884.488	2,237,600	2,000,000	1,031,800	2 992 450	2,350,000	1,899,115	788 258	1,568,000	\$2,122,300	Capital paid in.	
28,884,483	8,367,519	2,429,066	1,577,167	1,400,000	8,295,636	8,780,551	1,527,827	2,158,000	\$2,596,488	Cost of Road.	
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8.527.225	102,352	380,792	238,266	189,622	757,651	166,212	187,060	278,848	\$322,754	Gross d Earn- e, ings.	10 10 10 10
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Nashua and Lowell Railroad.

This was the first railroad chartered in New Hampshire, having been incorporated in that State on the 26th day of June, 1835. The act of incorporation provided that no other railroad should be granted within thirty years, running parallel to, or within five miles of the former. On the 16th of April, 1836, the Legislature of Massachusetts granted an act for the incorporation for the part of the road lying within that State. The two companies voted to consolidate their interests in 1836, but as there appeared to be no authority in the original charter for such a step, special authority was obtained from the Legislatures of both States early in 1838, and the consolidation immediately perfected under the same.

The construction of the road was commenced in 1837, and a passenger train commenced running on the 8th day of December, 1838, to a temporary depot three-fourths of a mile below Nashua. On the 23rd of December of the same year, the road was completed for its whole length.

The route of the road lies upon the immediate bank of the Merimac River, is nearly level, and involves no expensive structures, and no difficulties in the way of construction. The increased cost in 1845 and 1849 were for double track and other outlays necessary to the wants of an increasing traffic. The double track was commenced in 1845, and completed in 1846. The road is well constructed in every particular and amply furnished with equipment, and every accommodation for a large traffic.

With the exception of a small floating debt incurred for the purchase of lands at Lowell, the company had for several years no indebtedness of any kind. To assist in the construction of the road, the State of Massachusetts loaned the company \$50,000. This loan was, however, soon returned by the company, since which they have had no debt, with the exception of one incurred, as above stated, for the purchase of land in 1853, of \$24,000, but which at the date of the last report had been reduced to \$16,000.

The road forms a part of the great line extending from Boston to Concord, New Hampshire, occupying one of the best routes of commerce and travel in the United States. Over it passes a large part of the traffic of New Hampshire and Eastern Vermont. At Lowell it is connected with the Boston and Maine road by means of the Lowell and Lawrence; and at Nashua, in addition to the Concord, with a number of less important roads radiating from that place. The road has been uniformly profitable, having paid dividends at the rate of nearly 9 per cent. since the date of its opening.

The cost of the road slightly exceeds its capital stock and indebtedness, the excess being provided for out of the earnings.

 Copy of Balance Sheet.—COST OF ROAD.

 Graduation and Masonry.
 \$116,827 63

 Bridging.
 4,405 35

 Superstructure
 233,998 35

 Stations, &c.
 93,196 95

 Land and Land Damages
 88,980 06

 Locomotives
 46,240 48

 Passenger Cars
 13,792 71

 Merchandize do.
 35,651 09

 Engineering and Agencies
 21,510 61

Statement showing the Cost; Mileage; Cost per mile; Gross Receipts; Current Expenses; Net Receipts; Rate of Dividend; Receipts from Passengers; Receipts from Freight; Miscellaneous; Earnings per mile; Per centage of gross Earnings; Do. of net Earnings, of the Nashua and Lowell Railroad since the opening of the first division to the present time.

654.603 23

en from	Z a			εĪ			me	ti	ni	ese	pη	he	o t	r to	ion	vis	di
Year.	1889*			1842			-71			1848	1849	1850	1851	1852	1858	1854	lo lo
Cost.	\$353,662																-di
Lgth.	141/4	141/	141/	141/	141/	141	14%	141/	14%	14%	14%	14%	14%	14%	141%	141/2	шi
Cost per Mile.	\$24,818	25,873	26,666	26,666	26,666	26,666	35,087	35,087	35,087	84,500	41,386	41,886	41,386	41,386	48,084	42,484	* The
Gross Receipts:	\$55,053	82,639	132,497	131,189	84,079	94,588	112,681	127,497	157,835	169,187	156,485	129,617	117,017	182,546	162,945	191,887	total earnin
Expenses.	\$28,658	52,533	95,967	91,577	89,992	59,644	48,010	70,280	96,937	109,599	99,456	79,847	55,445	81,021	101,792	186,010	ings up to Jan
Receipts.	\$26,895	30,106	86,530	89,611	44,087	84,944	64,671	57,217	60,398	69,688	56,978	50,270	61,578	51,518	61,158	55,857	y 1st, 1839,
Divid- ends.	7	7%	00	00	12	10	15	10	10	10	10	00	9	00	00	8	were \$6
from Pass'gers.	\$36,647	35,794	75,733	66,305	43,755	47,166	58,007	54,092	69,142	72,868	67,097	54,588	47,833	48,901	68,155	74,977	\$6,114; expenses
Receipts from Freight,	\$18,199	46,549	55,700	68,125	87,296	44,754	54,632	68,615	82,621	92,196	79,787	62,578	60,558	78,202	89,521	108,256	ses of trans
Miscel-	\$207	295	1,068	1,759	8,028	2,668	5,041	4,790	5,572	4,124	9,705	12,456	9,100	10 442	10,269	8,649	portation \$
Earnings per mile.																18,240	1,185.
er centag of Gross Earnings	×	211%	811%	811%	22	25	22%	25%	81		26	211	191%	22	26	81	10 4 4 6
Percentag of Net Earnings.		00,	36	1013	113%	9/4	18	VIII	12/2	12	1114	81,	12/4	7.8	93%		1 10 0 00 0 00 0 00

Providence and Worcester Railroad.

This company was chartered in 1844 by the Legislatures of Massachusetts and Rhode Island, with authority to construct a railroad between the above termini so as to meet at the State line. The capital stock of each was limited to \$1,000,000, in shares of \$100 each. Permission was granted the two companies to unite and form one corporation. The road was required to be commenced in one, and finished within three years from date of charter. This time was afterwards extended.

This road is 43 miles in length, occupying for the entire distance the valley of the Blackstone. The maximum grade per mile is 27 feet which occurs for about seven-eights of a mile. The shortest radius of curvature is 716 feet for a short distance, two-thirds of the line being straight. The total degrees of curvature are 2,5461, or a little less than 60 to the mile. The entire ascent is 526 feet, and descent 56 feet. In its course it crosses the Blackstone at several points, requiring altogether 4,655 feet of bridging. The weight of rail used is 58 lbs. per yard. Its connections are numerous and important. At Providence it unites with the Stonington, and the Hartford, Providence. and Fishkill roads; and at Central Falls, through a branch line, with the Boston and Providence. At the town of Blackstone, it is intersected by the New York and Boston Central line; and at Worcester, it connects with the Boston and Worcester, the Western, and the Worcester and Nashua roads. The general course of the road is North-west and South-east.

The company organized in 1845, on a subscription of \$1,000,000 of which nearly the whole had been subscribed by inhabitants in Rhode Island. In November following the two companies united, choosing for their President Alexander Duncan for Treasurer Isaac Brown, and for Secretary A O. Peck. The work of survey and location had been previously begun. By the contract for construction, which was commenced early in 1846, the grading, masonry and bridging were to be executed by the 1st of April; and the superstructure laid by the first of August, 1847. The grading and masonry were to be for a double track between Providence and Valley Falls, and from that point to Worcester, for a single track. By authority of the Legislature, they purchased part of the line of the Blackstone Canal which they occupied for the road-bed, as far as possible. On the 27th of September, 1847, trains commenced running on the southern part of the road; and on the 20th of October following, the line was opened through its entire length. The branch to the Boston and Providence road was finished before the close of

The company paid six per cent. interest on the stock paid in from its receipt till the date of opening the road.

The cost of the work at this time amounted to \$1,756,755, of which about \$220,000 had been expended for the benefit of the B. & P. road, for the construction of the branch, and subsequently refunded. The capital stock, which was all paid in, was \$1,100,000. To meet the remaining expenditure, an issue of six per cent. mortgagebonds was made this year. The above were to fall due in 1851, 1852, and 1860. The amount sold, at the end of the year, was \$392,000. At the close of

the it has been diminished by the payment of the bonds falling due in 1851 and 1852, and amounts at present to \$300,000 which will mature in 1860.

The earnings for 1847 (for an average of about three months) were—from passengers \$21,128 43, and from freight \$9,273 31, making a total of \$30,401 74. The net earnings were applied to the finishing of the road till the close of 1849, when a cash dividend of three per cent. was declared, in addition to one of 10 per cent. in stock paid in the previous May. Dividends have been regularly paid since that date, except for the last six months of 1851. In August, 1853, a serious collision occurred by which thirteen persons lost their lives, and others were dangerously wounded.

The capital stock has been increased at various dates since opening, for building the double track, and otherwise making improvements. Its present amount is \$1,550,000. The floating debt is \$51,500.

Statement, showing the Cost; etc., etc., of the Providence and Worcester Railroad from the date of its opening to the present time.

ope	nin	g	to	th	e g	re	sei	st ti	me.
* Fer	1854	1853	1852	1851	1850	1849	1848	1847	Year.
eleven months	1,848,882	1,791,999	1,781,498	1,820,064	1,824,796	1,939,666	1,878,895	\$1,756,755	Cost.
tins.	40	431	431	481	431	431	431	4	Mileage.
† Ten per	42,875	41,195	39,804	41,840	41,949	44,589	43,078	\$40,835	Cost per mile.
cent. of this was in	816,616	291,417	253,690	*202,889	202,751	217,258	193,844	\$32,083	Gross Receipts.
is was in st	1229,778	170,525	114,175	*86,958	95,180	101,281	83,890	\$9,841	Current Expenses.
stock. + 1	86,848	120,891	139,514	*115,931	107,670	116,022	109,954	\$22,191	Net Receipts.
ncludir	7	6	6	:	4	+18	:	01 I	Dividends.
g \$44,469	155,775	147,888	129,048	*117,048	114,551	118,219	117,386	\$21,128	Receipts from Passengers.
t Including \$44,469 expenses of	155,103	139,286	118,565	*82,121	88,899	98,921	78,917	\$9,278	Receipts from Freight,
collision	5,787	4,740	6,081	*3,722	4,800	5,112	2,541	\$1,631	Receipts from Mails, and Misc.
in Au	7,278	6,699	5,882	4,664	4,661	4,994	4,456	\$786	Earnings per mile.
August, 1858.	17.2	16.8	14.6	11.1	11.1	11.2	10.9	1.8	Per centage of Gross Earnings.
ço	4	6	000	0	0	10	0	-	Do. of

Net Earnings.

The Schuyler Francis.

Mr. Robert Schuyler offers the following explanation of the fraudulent practices charged upon him in the late report of the New York and New Haven Railroad Company. His explanation is addressed to the Tribune. It came in a late European steamer, but is without date, and contains no indication of the whereabouts of the writer. It is the first time Mr. Schuyler has been heard from since he absconded.

Sir.-In the last report of the New York and New Haven Railroad Company, it appears that the President stated that the Company had sustained a total cash loss of capital of \$137,527, by the various operations set forth in the Director report ascribed to me. If I had strength to do so, I should examine the details of these statements and show you, as I believe, that none of them are founded in facts, and that the conclusion is erroneous and untrue, and that no loss of cash capital has been the consequence of any act of mine. But I am only able at present to point out one single error, which, however, is of greater amount than the whole alleged loss, and which, on correction, at once places the balance on the other side. The account of R. & G. L. S. is charged by the Treasurer on 21st September, 1853, for 3,200 shares Harlem preferred stock \$169,200 for which sum that stock was sold to them, and for which they agreed to retire the bonds of the Company due 1st October, 1853, on which payment had been originally made for the stock. No other provision was made for these bonds, and on the 1st October and subsequently on presentation, all of them, amounting to \$160,000, were taken up by the firm, partly in cash (about \$110,000) and the remainder by exchanging with the holders, other bonds of the Company belonging to the firm. After the last bond was paid, I believe that the amount of the sale was adjusted and the balance due paid to the Company in cash or its equivalent. The Construction Books alone contained the amounts of the Stock and bonds, and should also show the particulars of the sale and settlements, and I have no doubt they do so; and if they do not, the facts are substantially as I state them. It follows then, either that the Treasurer's debit should not have been made, or that the President in combining the two books and making re-entries, for the purpose of correcting errors, should have credited the account of R. & G. L. S. with full payment for the Stock \$169, 200, whereby the figures which he states to result in a balance against them of \$89,200, would show a balance of \$80,000 in their favor, even if the other items were correct, which is not admitted. I make no comment on these errors, but presume them to have been unintentional. Though I did not intend to trouble you as to the other charges, I beg to say, as to the allegation that \$10,156 were paid to me for specific purposes and not applied as intended, that if it is intended to assert that these sums were directly or indirectly ap plied to my own use, that after a most careful self-examination, I do not remember a single case of the kind, nor that any person ever applied to me or directly through any one else for the payment of any intended appropriation not paid over. If it is meant that there are no vouchers to show the payments, though the amounts trikes me as greater than I supposed, yet it is true that many payments in the nature of secret service, were made, to which no voucher could be required. believe, however, that the Directors always had a general knowledge of these payments, and deemed them necessary. I am also charged with \$5,000 drawn from the earnings of the road for Norwalk damages. I am confident that I placed with the Treasurer, vonchers for every draft upon him, ex-cept for amounts paid with the knowledge and approval of the Directors, as counsel fees of a confidential character to gentlemen of standing and influence, which can be shown 1 believe, if neces-sary, by others than myself—and expect also the sum of \$500, drawn for lost baggage, expenses and fees, waiting payment when I left my offi and I presume not paid over.

I hope you will publish this statement, which I lease by the Connecticut River company. have prepared under great difficulty—without documents and upon your report alone—in the greatest debility of body, and in a broken spirit, this road, as giving in their last annual regreatest debility of body, and in a broken spirit, this road, as giving in their last annual regreatest debility of body, and in a broken spirit, the least recollections. but with clear recollections

ROBERT SCHUYLER.

This, it strikes us, is "straining at a gnat and swallowing a camel." If Mr. Schuyler wishes to vindicate his character, or make some reparation for the crimes he has committed; or even if he desires to excite anew the public interest, let him explain the uses to which he put the vast sums fraudulently taken by him, the amounts received on sales and on hypothecation of the New Haven stock; and such other matters as may assist to heal this mangled concern, with least injustice to all parties. As it is, he has hardly done well to break the silence of his obscurity.

Connecticut River Railroad

This road was formerly owned by two different corporations, the Springfield and Northampton the two companies was arranged, the terms speciand the Greenfield and Northampton Railroad fying that interest should be paid on the stock companies. The former was chartered in 1852, with an authorized capital of \$400,000, in fifty dollar shares, to construct a railroad from Northampton, through Hadley, and South Hadley, to Springfield, uniting at the last named place with the Hartford and Springfield or with the Western road. By the original act, the location was required to be completed in one year, and the construction in three years from date of charter. In 1844 these dates were extended to 1845 and 1847 respectively, and the capital increased to \$900,000. in the same year. The extension to South Vernon The right to unite with any other company was conferred, with the other usual privileges and re- in 1848. strictions.

The Greenfield and Northampton company was chartered in 1845, with a capital stock of \$500,-000, in shares of one hundred dollars each, to construct and maintain a Railroad from Northampton ing therefor for ten years from date of taking through Hatfield, Whately, South Deerfield, and Deerfield, to Greenfield. By a vote of the stockholders in both corporations, the two interests agreed to consolidate, and were accordingly merged into one new company, bearing the name of the Connecticut River railroad, in 1845.

This road including a branch to South Vernon es throughout the valley of the Connecticut river, sue notes or bonds to the amount of \$200,000 .-From Springfield to Willimansett, a little over six miles, it proceeds along the east bank of the river. North of this village it crossess to the west margin by a substantial truss bridge. Thence it passes by easy grades along the base of Mount Tom, keeping close to the river and following its windings. To the north of this ridge it passes the on them have also been made as they fell due. river at two different points to avoid curvature .-From Northampton to Greenfield, 9 miles, its increase was also made to the capital, in order to course is very direct, running due North and clear off their floating debt, by an issue of preferred South. To the north of Deerfield, it crosses Deer-stock, bearing eight per cent. interest. field river. The remainder of the distance to amount of this at present is \$307,500. South Vernon has in general a North-east course, The road may be regarded as part of a great line, occupying the valley of the Counecticut throughout its whole length. At Springfield it is prolonged by the New Haven, Hartford, and Springfield. At its northern terminus, it connects with the Vermont Valley line. It is intersected by the two great East and West lines of Massachusetts, and

ots with the Cheshire by means of th uelet road, 28 miles, which is now operated under

The following are among the characteristics of this road, as giving in their last annual report to the Legislature.

Length of single main track, 50 miles.

Do. of branches owned by the Co., 21/3 miles Do. of sidings, (about) 81/4 miles.

Weight of rail per yard, 56 lbs. for 36 miles, 61 lbs. for 14 miles.

Maximum grade, 32 feet for 61/2 miles. Total rise and fall of main road, 680 feet. Shortest radius of curvature, 822 feet for 889

Total curvature, 1,854 degrees.

Aggregate length of straight line, 351/2 miles. Do. do. of truss bridging, 2674 feet.

Do. do. of all other bridging, (pile) 250 feet. The first four miles of the road, between Springfield and Cabotville, were opened in February 1845. In the following June, a consolidation of previous to the date of consolidation, and that the assessments should be equalized on the shares of each of the old companies. The new company organized in July, by the choice of Erastus Hopkins as President. On the 13th of December, thirteen miles additional were opened, completing the line to Northampton; and on the 17th of August, 1846, it was put in operation to South Deerfield, 11 miles further. The entire line to Greenfield was opened for use on the 23d of December was undertaken shortly afterwards, and completed

In 1849, a contract was entered into with the Ashuelot Railroad Company by which the latter agreed to finish their road by the beginning of 1851, and the former to take and operate it, paypossession, seven per cent. per annum, with the privilege of renewing the contract for ten years longer, on condition of paying not over one per cent. per annum additional—the payments to be made semi-annually. The C. R. company engaged to keep in repair and deliver up the work in as good condition as when received. The other on the State line, is 50 miles in length, and occupi parties were to create no mortgage, but might is-The road was taken possession of in 1851.

> To raise means for the completion of the work, the Board, in 1846, made an issue of six per cent. bonds payable at various dates. Of these \$167,-000 were issued that year. The amount has since been increased at different times; and payments They are not secured by mortgage. In 1850, an

> The financial condition of the company is thus shown from their last annual report to the Legis-

lature.			-									
Capital stoc	k										. \$	1,750,000
Do. do	paid	in										1,591,110
Funded deb	t											245,000
Floating do			••									9.043

COST OF THE ROAD.	Provid	-
or Graduation and masonry	\$513,242	93
Bridging	42,991	
Superstructure, including iron.	545,287	
Stations, buildings, and fixtures.	114,210	81
Land, land damages, and fen-	o above t	11
10 12 cing sterit arvedance in shoots	236,982	
Locomotives and rolling stock	187,558	49
Engineering, agencies, and oth-	and the same	
er expenses	161,970	80
- The road was required to he con	nelleings	-

Total.....\$1,802,244 76 Which is equal to \$36,041 per mile.

Statement showing the cost, mileage, receipts, &c., &c., of the Connecticut River Railroad, from its

Op	ening to the present time.	lice entire distant
sho sho	1845 1846 1847 1848 1849 1850 1850 1852 1852	THE WEAR. TO HOUSE TO KNOW THE WORLD TO KNOW THE
nig , or inte	\$511,472 1,010,541 1,167,156 1,588,184 1,766,678 1,798,825 1,791,592 1,801,592 1,801,946 1,802,244 1,802,244	Cost.
hin	22222222	Mileage.
n na nau nau	\$14,207 28,070 82,421 81,768 35,338 35,338 36,031 36,038 36,044 36,044	Cost per mile.
The	\$13,521 58,846 123,951 165,242 192,072 191,587 199,894 258,220 277,770	Gross receipts.
dividends are on common	\$5,519 21,399 30,774 50,685 95,090 70,580 102,185 148,154 156,122 174,828	Current expenses.
are on ce	\$8,001 35,847 98,177 114,557 96,981 121,057 97,709 86,860 102,098 102,942	Net receipts.
momm	Tomas A modern	Rate of Dividend.
stock only	\$10,101 39,756 70,207 88,637 106,261 111,917 111,860 124,787 135,655 135,960	Receipts from Passengers.
M. A.	\$3,419 16,098 48,319 71,806 79,818 71,596 76,579 93,286 113,794 130,508	Receipts from Freight.
d 2 dt i	\$2,392 5,424 4,797 6,992 7,072 11,464 10,980 10,771 11,801	Miscellaneous.
ordin	\$375 \$375 \$3448 \$3841 \$555 \$555	Earnings per mile.
201	2.6 5.7 10.6 11 11 11.7 12.6 14.8	Per centage of gross earnings.
de 6	10001000400 00 0004100	Do. of net earnings.
		11.117

Greamer's Improved Method of Operating Car Brakes.

The principal features of this invention and its peration, are as follows

To the ordinary hand wheel and brake-shaft, for winding up the brakes) is attached a drum or pose pulley containing a strong spiral spring.-This spring is wound up by a reverse motion of the brake-shaft, to which is attached an arm and pawl taking into a circle of ratchet teeth on the top of the drum. When the spring is wound ready for use, it is held in check by a lever from the extremity of which passes a branch line to the top of the car, and connecting about six feet forward

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the lever by a ring in such a way that when the lever is drawn up vertically the ring disconnecta. This is rendered necessary to insure the working of the brakes by the bell cord, whether the train is extended on an up grade, or contracted on a down grade. The attachment of the branch line of each car, some six feet forward, enables the engineer to apply the brakes of all the cars simultaneously, by pulling the bell cord as a means of the conductor to signalize the engineer. When the conductor pulls the bell cord it rings the bell, and simply makes slack on the several branch lines connected with the brake, but does not operate the brake. The conductor, however, can, if an emergency arises, instantly close all the brakes of the cars behind him.

This apparatus does not interfere in the least with the ordinary use of the brake by hand, even when set ready for use by the engineer.

It is of immense value to railroads as it not only increases the safety of the travelling community, but is a great benefit to the brakeman, as there is no occasion for compelling him to remain constantly on the platform in all seasons, and without regard to the weather, as is now the case. The brakeman can remain in the car if necessary, and when coming to a station step out and close his brake in the usual way, the spring remaining set, ready for use all the time. It will also greatly increase the confidence of the engineer, as he has the power of applying the whole brakes of the train instantly, without the aid of the brakeman, and with no more time or effort than giving the signals.

This system of enabling the engineer to close all the brakes at once is different from any device heretofore made, as the brakes of each car are entirely independent of each other. This is not a transmission of power from the engine, or a system of continuous brakes which we believe, even if ever so perfectly constructed, of but little practical value, for the reason that if the engine runs off the track, or becomes disconnected, the power is immediately lost, and nothing remains to check the momentum of the train. With this apparatus the locomotive running off would apply the brakes and even if the engineer were thrown from his place the brakes would be applied with full force and retained until released by the attendant. We ask all parties interested in railroads to examine this invention closely and thoroughly, as we are well convinced that the interests of railroads demand its immediate adoption.

Cheshire Railroad,

This road was originally owned by two companies, the Cheshire, chartered by the New Hampshire Legislature in 1845, and the Winchendon by the Massachusetts Legislature. The capital stock of the former was fixed at \$1,000,000; that of the latter at \$400,000, with the right to increase the same,in shares of one hundred dollars each. The road was to connect with the Vermont and Massachusetts line at Winchendon, Royalston, Templeton, or Gardiner; to cross the State line at Rindge or Fitzwilliam; and thence to proceed by the town of Keene, to some point on the Connecticut river. Permission was granted the two companies to consolidate and borrow money. The work of construction was required to be completed within five years from date of charter.

The length of this road is nearly 54 miles, of which about 11 are in Massachusetts. It connects at Ashburnham with the Fitchburg and Vermont and Massachusetts roads. At Keene, the county town of Cheshire, it is intersected by the Ashuelot road; and at Bellows Falls, its northern terminus, it unites with the Rutland and Burlington and the Sullivan roads, and through the latter with the Vermont Central and its connections. The road is a substantially executed work, laid

with a 60 lbs. rail to the yard through its entire length. The principal streams crossed are the Ashuelot to the north-west of Keene, and the Connecticut at Bellows Falls. The bridge over the latter is a handsome structure. In cossing the ridge dividing the tributaties of the Merrimac and the Counceticut, the road has a series of ascending and descending grades of sixty feet per mile for nearly 15 miles, besides heavy cutings at various points. The total rise and fall amounts to 2,277 feet. The shortest radius of curvature is 955 feet, which occurs for 700 feet. About 31 miles consist of straight line, and the remainder of curves having different radii. The total length of bridging is 933 feet. No part of the line is laid with double track.

The company was organized on a subscription of \$1,000,000, in 1845, by the choice of seven directors, of whom Thomas M. Edwards was elected President. Surveys for the final location of the road were shortly afterwards commenced unthe charge of Messrs. Whitwell & Tilton. The first division was let in September, and the second in October following; and the work of grading, bridging &c., was immediately begun. The terms of the contract required the whole line to be completed by April, 1848. The contractors; however, were not able to complete the work by the time specified. In May, it was opened as far as Keene, 32 miles, and the whole line early in Jan, y, 1849. The Connecticut bridge was completed in the following June.

The cost of the road having proved much greater than the original estimates, the Board in 1847, made an issue of six per cent. bonds, payable in 1852. Of these nearly \$400,000 were sold during that year. In January, 1848, a second issue of stock was brought out for sale at 75, of which over \$400,000 were shortly after disposed of .At the date of their fourth annual report (May, 1849) the payments on the original stock, including that taken by contractors, amounted to \$1,048,070; the bonds sold were \$454,650; the second issue of stock was \$405,309; and their floating debt was \$358,122-making a total cost of \$2,266,151. It should be stated that the stockholders were allowed interest on their cash payments before the road was put in operation. The amount of this last item, at the above date was \$183,788.

The earnings of the company for 1848 were—from passengers \$34,294, from freight \$43,387, and from mails \$2,352, making a total of \$80,033.—The running expenses for the same period were \$37,064, leaving \$42,979 as net gains.

By the last report, 31 Dec. 1854, the entire capital stock paid in amounted to \$2,083,825; the funded debt to \$731,200; and the floating debt to \$215,719-making their total liabilities\$3,030,744. Of the bonds \$550,000 mature in 1860, and the remainder in 1863. The cost of the road and equipment was as follows:

or	Graduation and masonry	\$1,489,643	16
3 (2	Bridging	41,490	
	Superstructure	479,821	59
	Stations, buildings and fixtures	99,303	17
	Land, land damages, and fenc-	pen nigopa	- x012
	ing	44M 000	37
	Rolling stock and machinery	835,555	44
ĶΞ	Engineering	47,289	63
(13)	Agencies and other expenses	572;027	36
	The state of the s	CONTRACTOR TOW	435A

Making a total cost of......\$3,181,897 08 or \$58,925 per mile.

Statement showing the Cost, 4-c., 4-c., of the Cheshire Railroad, from the date of its opening to the present time.

The state of the s	1849 2,618,069 54 48,4 1850 2,789,818 54 51,4 1851 2,777,848 54 51,4 1852 3,002,944 54 55,5 1858 8,075,195 54 56,9 1864 8,181,997 54 58,9
872	48,482 172,106 50,728 208,414 51,441 *222,285 55,594 287,768 56,6948 815,999
To a	61,080 4 92,588 5 *99,226 5 187,068
129,708 181,015	111,076 115,826 *128,069
: 40	رة: : تاريخ الم
128,010 139,186	72,868 98,747 101,657 119,745
182,060 220,482	92,240 99,825 110,019 157,379
10,228	7,002 9,841 10,617
6,905	4 3 8 5 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
10.2	0 8 7 5
	444

Grand Rapids and Southern Railroad.

The Directors of the Grand Rapids and Southern Railroad Company met on the 14th inst., and organized the Board by the election of the following officers—

Joseph Lomax, President; William Alman, Secretary and Treasurer; J. D. Cook, Engineer. It is the intention of the company to start the engineers on the work next week; and run an experimental line to Grand Rapids immediately.—It is also the intention of the company to push the work forward to completion at as early a day

as possible. The partial faiture in the wheat crop will discourage a few farmers from subscribing as liberally as they otherwise would do; but it is thought, by those posted on the subject, that a very liberal subscription will yet be obtained this summer. The importance of the work will ensure its completion. The only question about its successful completion is a question as to time. This question is in the hands of the citizens along the line of the proposed road—if they come up to the work in good earnest the time of completion will be fixed at an early day.

Vermont and Canada Railroad.

A telegraphic dispatch has been received from Mr. W. B. Lee, late President of the Vermont Central road, stating that the Central road had been taken possession of by the Canada company, for non-payment of rent. Messrs. Lee and Eldridge, two of the Trustees, have done all in their power to hold the property for the bondholders, but it seems that they have been compelled to yield to John Smith, the third Trustee, who is acting as President of the Vermont and Canada Railroad.

American Railroad Journal.

Saturday, July 7, 1855.

Coal Burning Engines .-- Locomotive "Taunton."

The rapid destruction of wood in all the Eastern States will soon leave their railroads the alternative of either burning a less expensive fuel, or of foregoing profits altogether. Up to the present time, great difficulty has been experienced in all attempts to substitute coal for wood. No accessible fields of good coking coal have been found; or at least all experiments at coking appear to have failed. Numerous attempts have been made to use anthracite, none of which are regarded as entirely successful, when applied to the general traffic; the destruction of the fire-box and tubes from the chemical and mechanical action of this kind of coal more than balancing the amount saved in fuel.

Among the leading experimenters to avoid the objections stated, is Mr. F. P. Dimpfel of Philadelphia. As his plan has been before the public for some years, it is probably pretty well understood. The main feature of the improvements claimed to have been effected by him, is the passing the water through the tubes, which is the reverse of the plan upon which locomotive engines have hitherto almost universally been constructed Several engines upon Mr. Dimpfel's plan are now in process of construction at the Taunton Locomotive Works; and experiments made with them appear thus far to show satisfactory results. An experimental trip from Taunton to this city, and thence to Norwalk, was made last week with a Dimpfel engine. The trip between this city and Norwalk was accompanied by a large number of experts and parties interested in the result, as owners or managers of railroads. The engine on leaving Taunton took on board 7,430 lbs. of anthracite coal, with which she ran from Taunton to New York, and from New York to Norwalk and back, a distance of 350 miles, having in the meantime fired up and allowed the boiler to cool down three times, It is due to say, however, that at no time the engine had more than a partial load. By the use of wood the same service could not have been performed, except at a much larger

cost, probably one-third more. The experiment may therefore be regarded as very satisfactory; though it by no means solves the problem of the degree of economy in the use of anthracite. A long series of experiments under every possible conditions must be first made. Such, we understand, the Taunton Locomotive Company are determined to make, and from the acknwledged skill and ingenuity which are united in this company, together with ample means, the public may rest assured that the practicability of introducing coal-burning engines into ordinary use, will be thoroughly tested.

That such a result is practicable we have no doubt. Such being the case, no department of mechanical science offers such a reward as to the fortunate discoverer of the best method for the use of anthracite coal. The discoverer who bears off the prize can take for it any reasonable amount of money he may see fit to demand.

Disagreement between the Eric and Central Railroad Companies.

There has been for some time a disagreement between these roads, which has resulted in a considerable reduction of fare on each. The ground of dispute between them consists, as we understand it, in the determination of the Erie company to transport passengers between New York and any point in the Central and Western portions of the State, at the same cost at which they are carried over the Central road in connection with the Hudson River line of boats. To this claim, we understand, the Central company object, insisting that, under a previous arrangement, the Erie company are bound to maintain the same rates of fare as are charged between the same termini on the Hudson River and Central roads-that is, the Central claim that the advantage they possess in the Hudson River, which is equal to about two dollars per passenger, is not to be taken into account in any agreements or arrangements between them and the Erie for the transportation of passengers. The result is that both roads are carry ing passengers from Buffalo to New York for about five dollars, which is about one-half less than was charged a few weeks since.

As it does not appear probable that the Eric company will yield a point which, if admitted against them, would be equivalent to a surrender of the through traffic to the Central for the summer season, we see no immediate prospect of a composition between the two companies, as the press is daily predicting. Neither do we think that, for the present season at least, the companies will suffer materially by the reduced prices. These only respect the through, which is certainly a very inconsiderable portion of the whole passenger traffic, on both roads, but especially on the Erie. The increase of travel will, we think, nearly if not quite make up for any loss that may be feared. Owing to the financial pressure of the past two years, our people have foregone the pleasure of travel to an extraordinary degree Money has now become plenty, the crops are fine our people are again beginning to feel rich, and will be likely in a few months more to make up in an increased movement for the quiet and economy of the past. We think that for the present season neither company will lose much by their reduced rates.

As to who is in the wrong in the present in-

stance, we do not pretend to decide, having thus far but partially heard the statement of one of the parties.

La Mothe's Patent Iron Car

This principle of construction as illustrated in the city cars—may now be inspected on the 6th Avenue Railroad in this city. In the present instance a saving in weight has been obtained of 42 per cent. over the wooden cars of the same capacity—and the principle is about to be applied to the construction of a 60 passenger car for some of the Boston Co's., who, with characteristic enterprise have united to test the advantages claimed by the inventor.

Many of the most important companies in the United States have their head quarters in New York. We hope the officers will personally examine this mode of building, and thus become interested in the experiment, by suggestions that will be valuable as coming from practical railroad

The Agent, Alfred Sears, Civil Engineer, may be addressed at Delmonico's Hotel.

Stock and Money Market.

There has been for several weeks past a steady improvement in the stock and money market, based in part upon the bettered condition of the country, and upon the anticipation that this improvement will continue. The losses sustained by the failure of last year's crop which were very great, will in a great measure be made up by an extraordinary abundance the present year. Business has been so far curtailed that the supply of money is quite equal to the legitimate demand.-The country was never in a position in which it was so independent of foreign communities, and never so strong financially as at the present moment. Everything, therefore, is in a condition favoring a rise in the market value of all kinds o property; and as the tendency of the public mind is from one extreme to another, it would not be strange if prices of some securities should shoot above the standard of actual value, from having been kept so long below it.

Notwithstanding the excessive depreciation of prices which prevailed a year and a half ago, the actual losses are much less than might have been supposed. Very few holders comparatively were forced to sell; while few have done so from choice. The result is that in most cases of depreciation, the owners of stocks and bonds will themselves soon be able to dispose of their securities at the cost price. Very few securities were returned from Europe for sale. Whether the fortunate result we now witness was due to confidence in the ultimate value of our roads, or in an inability to find purchasers for their securities, it matters not now, though it may teach a useful lesson to be observed on the recurrence of a similar crisis.

During the period of the greatest stringency and distrust, we repeatedly gave what appeared to us to be satisfactory reasons why the depression which prevailed would be found to be only temporary; and that the assumption en which our railroads had been built would be shown to be sound. The improvement which we already witness, with the experience that the past has developed, fully confirms the position then taken by

A very large amount was disbursed in this city,

as the first interest in the shape of dividends. and coupons on bonds. We hear of no important cases of default. In fact, the payments were made with extraordinary promptness. Among the most favorable features of the money market is the extraordinary decrease of exports from the port of New York, for the fiscal year which closed on the 30th ult. These amounted to \$153,268,000 against \$187,793,000 for 1853-4, showing a difference of over \$34,000,000. The exports of domestic products from this port for 1854-5, were \$53,173,000 against \$66,483,000 for 1853-54. The shipment of specie for the past year reached \$37,995,000 against \$34,292,000 for the previous one.

The apparent receipts of gold from California, according to the manifest of the steamers, have been \$40,410,000 against \$35,317,000 for the year previous. The general results may be stated as fol-

lows: Reduced import of Foreign Goods \$34,525,000 1.783,000

Whole reduction of imports.....\$35,308,000 Reduced export, domestic produce... 18,110,000 Increased gold export.... \$5,453,000 Increased re-export foreign

3,662,000 9,115,000

Whole reduction in exports.....\$3,995,000 The apparent decrease in the receipts or deliveries of gold from California during the year, is \$4,907,000. The reduction of gold in the Federal Treasury during the year was \$10,458,100 exceeding by \$4,547,000 the increased foreign export of gold from the port of New York, and about equal ings and expenses of this road, for the six months to the increased export from New York and Boston together. The direct exports of gold from this port are less by \$2,420,000 than the deliveries of are estimated. California gold at New York, taking the manifests of the steamers as the bases of comparison. They are less by \$4,302,000 than the California and Foreign gold and silver together received at this

The Egyptian Railway.

From the last report of the Peninsular Steam Navigation Company, it appears that this work from Alexandria to Cairo will be completed probably by October next. An enterprise of still greater moment, the construction of a continuation of the above line to the Red sea, has been already commenced, contracts for the supply of materials have been made with the Viceroy of Egypt, and the line is expected to be opened for business next summer.

This railway, forming, as it will do, a cheap, easy, and quick means of transit between the Red Sea and the Mediterranean, can scarcely fail, under judicious management, to exercise an import-tant influence in developing the commercial re-sources of India, and other places in the East, and in drawing a large amount of traffic to the "Over-land Route."

Franklin Railroad.

The trustees of the Franklin Railroad have advertised for sale that portion of the road lying within the State of Maryland. The sale will take place by auction, in the Court House at Hagers-town, on the 24th July. The road entire runs from Chambersburg to Hagerstown, and was built at least fitteen years ago, but having no communication beyond Hagerstown, the business has gradually fallen off, until several years past, for it has been operated with horse power, and at pres-ent it is almost entirely abandoned.

20	R	aih	rond		arnin	ga.	110	DELL
sia	GR	AND	TRU	NK	RAILRO	DAD.	(5)	hista
in	orial .	of	this	ros	d for	the	for	NP 100

The earnings of this road for	the	four	wee	ks
ending 28d ult., were-	oil	on.t	cent	7.9
Passengers		. \$20	,983	96
Freight		. 48	517	25
Mails	***	4	,058	95

Total.....\$73,560 16 GREAT WESTERN RAILROAD.

Statement of general traffic for June.

off to me

Passengers	116,340	45
Excess Luggage	1,201	36
Mails and Express Freight	4,629	92
Live Stock and other Freight	33,511	83
forth rest titles to the authority of the	E 12/12/2019	1
Total	155,683	56

Same period last year 97,508 72 Increase.....\$58,174 84 SOUTH SIDE RAILROAD.

A comparative statement of the receipts of this road between May, 1854, and May, 1855:

Freight Receipts	\$4,301 3,168	20 15
Total	\$7,469	35
1855.	11 059	10

This shown an increased business in one year of

Passengers and Mail....

PANAMA RAILROAD.

The last report of this company gives the earnending 30th June, including \$4,006 50 balance on hand on January 1st, 1855. The earnings of June

Gross Earnings	12
Gross Earnings	00
Net earnings\$360,757	_

Leaving applicable to a dividend .. \$255,325 8 The amount of stock issued being \$3,743,000 the dividend at 6 per

cent. is \$224,580 00 On which the Government of New Granada is en-

6,737 40 titled to 3 per cent ... 231,317 40

Illinois Central Railroad.

The sales of the Illinois Central Company's lands for the month of June were 42,387 acres for the contrary. \$536,618 90, averaging \$12 65 per acre.

amounts to \$2,388,690 96.

The sales are probably increased to a consider-The person desiring to purchase knows exactly expensive roads in the United States. where to look for his lands, and where for his

Michigan Central Railroad.

We give this week the report of this company for the year ending May 81st, 1855. It is a st rectyped edition of the previous reports, with the exception that it covers a few more pages.

The total cost of the road, deducting \$599,763 99 invested in the New Albany and Salem road, and \$800,000 in the Bonds of the Illinois Central: is 510,764,175 45. Increase of construction account during the year \$1,218,059 12, or \$888,402 87 more than the net earnings. The following statement will show the difference in the several items which make up the cost of the road for 1954 and 1955

1003 and 1000.			MENT OF THE	1970
baller a hymner	1854.	411	1855.	
Original purchase. Expenses of construction since	\$2,000,000	00	\$2,000,000	00
purchase	7,134,286	81	8,300,147	08
Cash on hand	56,829		11,881	
In hands of Local	der escurit		Interconstitle	sil I
Treasurer	140,386	81	51,264	13
In hands of Super-	07 10 4110		NATION NOTHERDIE	34.4
intendent	97,264		57,552	61
Steamboats	188,661	94	343,880	04
Total\$	10,764,175 9,546,116	45 33	\$9,546,116	88
and they lax or the	dian't lat	11111	19 - 9118 BUE 19	0.743

Increase construc-

7,895 77

\$24,008 47

tion account....\$1,218,059 12

For this increase no explanation whatever is offered; nor is any intimation given that the road is any nearer completion than it was when it was opened to Chicago, since which some \$4,000,000 have been added to the construction account, while not a mile has been added to the length of the road.

The cost of the road and equipment, and net earnings, for the past nine years have been stated in the company's reports to have been as follows:

Zarandari'		Net
	Cost.	Earnings.
1847	\$2,200,000	\$123,133
1848	3,857,415	113,022
1849	5,584,922	188,195
1850	5,968,444	397.227
1851		566,265
1852		604,364
1853		582,816
1854		684,651
1855	10,764,175	879,656

Since the road has been opened to Chicago, no explanation has been offered for the increased cost of construction. During this period the increased cost has been \$4,054,998,-net income, \$2,751,-487, showing an excess of the former of \$1,303,-501. The company affirm that large dividends have been earned. Their reports appear proof to

We published the report of the company for The total of the lands sold to the 30th ult., 1854 in the Journal for October 28th, of that year. Those interested can compare the two.

Up to this date the road has cost \$40,000 per able extent by the excellent system which the mile, and is by far the most expensive in the company have adopted in reference to their lands. West, and for a single track, is one of the most

We have no interest in the management of the title, which is unquestioned. When lands are held above road, except what is due to our position as by speculators, it is often impossible to find the a journalist. If the stockholders who have, and nominal owner, and sometimes unsafe to take a who alone have the power to correct abuses, are deed from him. The prices of all the lands owned satisfied, we have no disposition to complain, exby the Central Company are made matter of cept so far as a pernicious example set by such public notoriety, All that a person has to do is a powerful company as the Michigan Central, is to make the selection, which is confirmed on ap-made use of as an apology for cloaking their misplication to the local agents, and get his due. conduct by weaker ones.

In addition to an increase of construction of \$1,218,059 12, the company have also added about \$800,000 more by taking, in connection with the Illinois Central, a perpetual lease of the "Joliet Cut-off," (a road, 44% miles long) at an annual rept of \$2,000 per mile. The value of the road is yet a mere matter of opinion. We think it will be less and less valuable every year the company hold it. A road to "cut off" travel from New York would have just as much merit as one to cut off travel from Chicago. But there was a much stronger reason against taking it, in universal experience which has demonstrated over and over again, that all investments made in running after business result in loss. A moment's reflection will convince any one that such must be the result. No business but such as freely offers itself ever pays in any of the departments of trade or commerce. The moment it has to be sought, it is impossible to estimate what are to be the expenditures to secure it, or to estimate the ratio of expense to profit. This chasing after business is worse than making an additional investment, for the purpose of securing an old debt; an experiment which we never yet knew to succeed. These are the chimeras which are the favorite pursuits of senility, or unripe years, and have been the great object of the expenditures of the Michigan Central for years. They account for the enormous cost of the road, and for the unwillingness of the managers to show how and where the company's money has gone. If they can show, we do not believe they have the courage to do so. That vast sums have been vasted we have no doubt. We see no hope for the future so long as the stockholders allow the managers to go on as they have, and their reports be such as may serve for a cloak behind which every kind of venality and misconduct may riot in impunity.

Pacific Mail Steamship Company.

The following statement taken from the balance sheet of this company's last report, shows their financial condition at the 1st of May, 1855. ASSETS.

100 100		
Steamships	\$2,838,537	53
Storeships Machinery at Benicia	98,223	20
Machinery at Benicia	41,907	99
Real Estate	597,242	35
Coal at various points	456,663	00
Outfits and supplies	137,818	56
Miscellaneous, consisting of balance in hand, policies, stock, and accts,	and thought and	03
due	277,375	85
Deficit, 3 7-8 per ct	140,915	14
any affirm that large dividends	\$4,568,683	60
d. Their court appear proof to	\$4,000,000	04
LIABILITIES.	XXVIII	
Capital stock	\$3,661,000	
Bonds redeemable Sept., 1856	294,000	00
Pacific Mail Steamship Co old ac-	iel, will ne	1115
count	168,875	96
Interest due on above	3,640	00
Howland and Aspinwall	429,376	84
Interest due on above	10,500	
Sundry small accounts	6.290	

The receipts from 10,277 passengers, for the se ven months ending 30th April, amounted to \$1,-173,083. The receipts from Panama to San Franciseo exceeded those of the return voyages by \$138,000. The number of steamers exclusively owned by the company is 14. One of these, the St. Louis, is now employed on the Havre route.

\$4,568,683 62

The report states that the deficit is \$278,178

less than on the 1st of October, 1854, when it amounted to \$428,094. This reduction of the floating debt has been equal to a dividend of 7 per cent. on the above period, though none has one. been declared. Much of the report is occupied with a discussion of the difficulties experienced with the Nicaragua Transit Company. The agreement made on the 1st October last, provided for alternate voyages of each company's vessels, the proceeds being equally divided between each company, until a further arrangement should be made paid to agencies would alone forbid the idea of Under this agreement the Nicaragun company received from the P. M. S. Co., for equalizing receipts, the sum of \$62,577 94. In April last, the nor know how to extricate themselves from the diformer publicly offered to transport passengers lemma in which they are placed. and freight at reduced rates. without, it is affirmed, any real breach of contract on the part of the latter.

The expenses of a single trip between Panama and San Francisco are stated to be over \$30,000; besides, agencies, repairs, insurance, &c., &c., which amount to seven or eight thousand additional. The annual cost of insurance is \$170,000. The opening of the Panama Railroad has given them excellent facilities for coaling and other purposes. The company now keep a steamer at Panama constantly ready. Large quantities of coal have been collected at San Francisco, and much larger sum than we supposed they would other points.

are at a loss, therefore, to know what expenses portion of the stock a bonus to the holders, cover; whether anything more than current exexceedingly small.

whose money they have lost, without gaining the least foothold in public esteem. It has been a elfish game throughout which is always a losing

However largely California enterprizes paid in the outset, the tendency from the start was to come down to the ordinary level of profit, and in fact to go as far below this standard as it had been exceeded. But while profits cannot be kept up, expenses cannot be reduced. The amount profit, and the continuance of them shows that the company neither appreciate their condition,

· Illinois Central Railroad.

This work, its capacities for business, the value of its lands, and its prospective income, have been recently made the subjects of careful personal examination by quite a number of leading parties in railway negotiations, among whom were several gentlemen connected with foreign houses, and some of them previously unfavorably impressed in reference to this project. These examinations the company an increase of freight, and affords have, we believe, without exception, resulted in a conviction favorable to the success of this great work. Its business bids fair to be remunerative, while the company's lands promise to realize a produce. If they do not entirely discharge the The report does not state what the expenses company's indebtedness, which amounts very have been, but leaves them to be inferred from the nearly to the cost of the road, they will go so far statement of gross earnings and net receipts. We toward doing it as to leave a very considerable

A result which now appears pretty easily penditures; whether depreciation is included, and demonstrable, we confess, far exceeds our expechow much; and whether the expenditures for the tations, and is due to causes the effects of which past six months are likely to be increased or di- were not sufficiently appreciated, while the road minished. Mr. Aspinwall states the expenses of was in progress. One of these is the demand for the round trip to be \$76,000, which, for six land created by the immense emigration from the months, would amount to \$988,000, which continent of Europe.—Another, the extreme high deducted from the gross receipts, would leave prices of grains of all kinds, for which the country \$185,000 for net earnings, instead of \$287,178 as chiefly relies upon the West. The value of lands given in the report. As the company own 14 keeps pace with the value of their products. A steamers, the depreciation probably far exceeds railroad is equivalent to a market to a farmer by the net income, so that the business for the past whose doors it runs. The Continental emigrant, six months was done at a loss instead of a profit. the moment he lands in New York, sets his face As many of the steamers are now getting old, the toward the West. His first ambition is to become prospect of future dividends appears to us to be an owner of its soil, and his first occupation is that of a farmer. Most of the German immigrants, The above is one of the instances in which a class who now compose the majority of the selfishness has overreached itself. The original whole foreign population coming to this country, company commenced business with a monopoly bring with them sufficient means to commence which was used to extort every cent from the public. farming in a very respectable manner. To the Enormous apparent profits were made, while the pioneer the Prairie States offer great attractions, sums yearly paid to agencies were equal to for- as the soil can, with a minimum amount of labor, tunes. Such gains could not fail to provoke rivals, be brought under immediate cultivation, and prowhich had either to be bought up, or bought in, duces for years without diminution and without at a cost which has reduced profits below a living the necessity of manuring. Upon the prairies no rate. In the first place the public suffered, now combination is necessary to render labor producthe boat-owners. The great losses unluckily do tive, the unaided labor of one man producing not fall upon those who made this money, but on very nearly as much as when joined to that of a those who sought to share profits with them. Had hundred others. No long preliminary operations the original lines been conducted upon a principle are required, before any return can be realized. of wise economy, content with supplying fair ac- The settler who arrives out in season to turn over commodations at a reasonable profit, the business the soil in the Spring, is secure of reaping a harmight have been uniformly good. But, unfor- vest in the Fall, which not only puts him beyond nately, the getters-up of the original line had the reach of want, but places in his hands means neither public spirit, philanthropy, nor the highest sufficient to enlarge his operations the coming business sagacity. The consequence is they have year. The degree of value of his products depends ruined the business, and incurred the censure of those upon the cost of transportation to market. The

the ordinary highway) very soon amounts to as lands. These facts will explain the reason, why they can sell their lands at ten and fifteen dollars per acre, notwithstanding equally fertile lands are on sale by the General Government, but which are far removed from avenues to market.

Another reason for the rapid appreciation of the new lands of Illinois, is the favorable position of the State in reference to the two great markets of the country for its products-the Eastern and Southern. The Southern planting States depend upon the grain-growing Western States for their supplies of breadstuffs and provisions. Illinois has thus a choice of market constantly before her, and probably sends quite as large a proportion of her exports down the Mississippi, as to the Eastern cities. The latter markets can be reached from the central portions of this State at just about the same cost as from the interior of Ohio and Indiana. The former possess equal, if not greater commercial facilities than the latter. It is then superior in the fertility of its soil, and vastly so in the value and extent of its mineral deposits. Two-thirds of its surface is underlaid with coal, which must in time become perhaps a greater element than its soil in promoting its progress in wealth and population.

The present managing parties of the Central are well spoken of-as gentlemen of integrity and capacity, who thoroughly appreciate the interests of the company and the wants of the public, who are competent to a successful management of the road, and who will conduct its affairs with entire fidelity to the interests of the stock and bondholders. This conviction has contributed much to the favor with which its securities are now held. Under all these favorable circumstances. we think, we may assure the real builders of the road, the bondholders, that they hold a good security.

Scioto and Hocking Valley Railroad.

The company owning this work organized under the General Railroad Law of Ohio. By the special charter passed in 1848, they were empowered to construct a railroad from the town of Portsmouth, on the Ohio river; thence on the east side of the Scioto river by way of Piketown, Chillicothe, Circleville, Amanda, and Lancaster, to Newark. Authority was given to unite with other roads. The capital stock was to consist of any amount not exceeding \$2,000,000. The gauge of road might be made of any such width, not exceeding five feet four inches, as would be necessary for conforming to that of any road with which it should connect. By an amendment, passed in 1851,, the company were authorized to construct their road through any part of the counties of Ross, Pickaway, Vinton, Hocking, and Perry; and the Commissioners of the above counties were empowered to subscribe to the company's stock, subject to the ordinary restrictions and regulations.

This road will be, when completed, 135 miles long, forming in connection with the Sandusky, Mansfield, and Newark road; a great North and South line through the central part of Ohio. The importance of the S.& H.V.road is owing to the fact

difference of ten cents per bushel on those of an that it traverses the extensive coal and iron reacre devoted to wheat or Indian corn (which is gions of Ohio, nearly through their midst. These the cost of transportation for 15 or 20 miles over deposits cover a large portion of the State to the south and east of Newark. The supply of coal much as the Illinois Company charge for their may be fairly pr onounced inexhaustible; as within the limits of Ohio it has a greater superficial extent than in the United Kingdom, There are two varieties of this article-the cannel and the bituminous. Numerous iron-making establishments have long occupied the banks of the Ohio but the want of exporting facilities prevented the more extensive manufacture of it. To provide sufficient outlets for these great staples. as well as the extensive agricultural products of this region of the State, by means of the various lines which this road will intersect, was the great object of this work

> The company were organized in May, 1849, by the election of J. V. Robinson as President. Mr. J. W. Webb was shortly after appointed their Chief Engineer, under whom the surveys and location of the line were commenced. It was the first intention of the managers to locate the road directly up the Scioto Valley by Piketown, Chillicothe, and Circleville; but this route was subsequently changed to one running more directly through the mineral region. At present it follows the Ohio river to Sciotoville, and thence proceeds up the valley of the Little Scioto to Jackson, whence it crosses the table land to Lancaster, and there strikes the Hocking river, advancing along its bank to the terminus at Newark.

> The principal engineering difficulties consist of a heavy cut at Somerset; a tunnel, 2,400 feet in length, 12 miles south of Somerset; and the "Five Mile Summit." 9 miles south of Logan. The last is a heavy rock cutting. The tunnel penetrates a sandstone ridge its whole length.

The estimated cost of the road, including equipment, was \$2,600,000, or \$19,000 per mile.

That part of the line between Portsmouth and Jackson, 44 miles, was put under contract in 1851; and the remainder in 1853; the contractors taking in part payment the company's stock and first mortgage bonds. The whole was to be completed by the 1st of July, 1855.

In 1852, the managers issued a first mortgage of \$300,000 on that portion of the road between Portsmouth and Jackson. This was followed, in March, 1853, by an issue of seven per cent. convertible bonds to the amount of \$1,000,000, payable in 1865. These latter were designed to be a first mortgage on the extension to Newark, and a second on that part between Portsmouth and Jackson. About \$100,000 of these have been sold. The first 44 miles were opened for business, in the fall of 1853.

By the last report of the Directors, made on the 9th of May, 1855, there are 431 miles open, the date, was \$888,858 48. The means on hand for further operations were \$132,857 99.

The earnings on the 44 miles in operation for the twelve months ending 80th April, 1855, were Passengers..... 25,994 46

\$84,068 60 25,220 58 Working Expenses....

Leaving as net income \$58,848 02 The work on the remainder of the line proces

ed steadily till the latter part of 1858, when the pressure of the times obliged the managers to reduce their force considerably. At the present time, the iron is laid on twelve miles, the grading, on the forty miles beyond Jackson, is in a state of forwardness, and that on the 24 miles south of Newark completed. The work on the Tunnel has been for some time under way. The other excavations are two-thirds completed. Except the Tunnel, it is estimated that the whole work can be finished within eight months, and the Tunnel. under favorable circumstances, may be opened in six or eight months longer.

The machinery consists of 4 locomotives, 8 pas senger cars, 2 baggage cars, 42 eight-wheeled, and 21 four-wheeled cars. That part of the road in operation is said to be in excellent condition.

The following are the liabilities of the company, at date of last report-

mount of stock subscriptions by the city of Portsmouth, the coun-ties of Scioto and Jackson, and in-.... \$403,975 00 300,000 00 Mortgage on the extension..... ncome Bonds issued, payable June 100,000 00 1st, 1859..... 19,000 00 Bills payable, and other indebtedness 90,050 00 Net earnings of the road, deducting 108,691 47 running expenses

\$1,021,716 47

The estimated amount required to complete the work, including the Straitsville branch of 64 miles. is \$1,158,650.

Monster Iron Steamship.

There is now being built on the Thames in England an iron steamer designed to eclipse any piece of naval architecture-Noah's ark included-that has ever floated. This vessel, to be called the "Great Eastern," is to be 22,500 tons burthen, and to carry upwards of 12,000 passengers, having a capacity for coals and other cargo of something like 18,000 tons. The construction of this enormous leviathan was designed by, and is under the charge of Mr. Brunel, the well known engineer of the Thames Tunnel. The company owning her have a capital of some \$6,000,000, of which about \$2,500,000 have been paid in.

This vessel is to carry five masts, in addition to both paddle wheels and a screw. She is expected to make an average of 15 knots an hour in all weathers. The builders expect to have her finished in a year, when, it is said, she will pay us a visit, in order to impress us with the littleness of our "Great Republic," previous to her final destination which is understood to be the Australian trade. She is built in numerous comcost of which, including machinery and repairs to partments, and the inside hull, so to speak, which is some feet from the outside one, is lined with India rubber so as to be perfectly water-tight, should the outer one be injured by any accident.

The principal dimensions of the ship, her capacity, and power, are as follows:

berraper mated Jacob	BASSE OUT TO DAME NOW SECRETARISMS
Length	feet 680
Dwoodth	88 of the contract of the least
	keel 60
Length of principal	saloons
Height of ditto	occesions. Introduction of 11.
Number of decks, 4	any circumstances, be a serior
Tonnage, 22,500 to	These considerations leden

Carries of coal and cargo, 18,000 tons. Nominal horses, power, Screw, 1,600 horses. Do. do. Paddles, 1,000 " Do. do. Paddles, 1,000 "
Cylinders for paddle engines, 4.
Diameter of cylinder in inches, 74.
Length of stroke, 14 feet 6 in.
Draft of water (loaded) feet, 28.
Do. (light) do. 20.
Carries of first-class passengers, 600.
Do. second-class do. 1,800.
Do. troops, with field equipments, 10,000.
Weight of iron used in the construction of the

ship, 10,000 tons.

Mr. Brunel, in his report, speaks first of all of the mode of launching the ship, a subject of great importance, considering the dimensions and weight of the vessel, and the narrow and shallow river in which she is to make her first acquaintance with the waters of the sea. The intelligent and well expressed conclusions of Mr. Brunel as to the mode of launching are thus stated-

"One of the first points to be decided, was the mode of launching the vessel, which, of course, would determine the position in which it was to be built, and I wish to take this opportunity of explaining my reason for adopting the plan I have decided upon, which, being unusual, might be

supposed to be unnecessary.

"Vessels are generally built above the level of high water, and then allowed to slide down an inclined plane into the water; occasionally, as in the case of the Great Britain, they are built in a dry dock, into which the water is afterwards admitted, and they are floated out.

"Both plans were well considered in the present case; but the size of the dock required, the difficulty of finding a proper site for such a dock, the depth required for floating a ship with her engines and boilers, which it was most desirable to intro-duce while building the hull, and the depth of channel required to communicate between such a dock and the deep water of the river-all combined to render the dock plan a very expensive, and considering the nature of the soil in which it would have to be formed, a somewhat hazardous proceeding. Launching seemed to offer the fewest difficulties and the greatest certainty; but the dimensions of the vessel required some modifications

of the usual modes of proceeding.
"Launching is generally effected by building the ship on an inclined plane, which experience has determined should be at an inclination of about 1 in 12 to 1 in 15, the keel of the ship beraised above the stern, say 1-15th of the whole length of the ship, In the present case, this would have involved raising the fore part of the keel or the fore foot about forty feet in the air, and the forecastle would have been nearly 100 ft. from the ground; the whole vessel would have been on an average 22 feet higher than if built on

"The inconvenience and cost of building at such a great height above ground may be easily imag-ined, but another difficulty presented itself which almost amounted to an impossibility, and which has been sensibly felt with the larger vessels hitherto launched, and will, probably, ere long, prevent launching longitudinally vessels of great length. The angle required for the inclined plane to insure the vessel moving by gravity being, say 1 in 14, or even if it was dimished by improved construction to 1 in 25, is such, that the end first immersed would become watches as would be a such that the end first immersed would become waterbone, or would require a very great depth of water before the fore part of the ship would even reach the water's edge. Vessels of 450 or 500 teet in length would be difficult to launch in the Thames, unless kept as light as possible, but our ships could not be so launched, the heel of the sternpost being required to be, as I before said, about 40 feet below the level of the fore foot, some mitigation of the dif-ficulty might be obtained by an improved construction of the ways; but the great length of way to be carried out into the river, would, under

the practicability of launching or lowering the vessel sideways; and I found that such a mode would be attended with every advantage; and, so far as I can see, it involves no countervailing disadvantages. This plan has been accordingly determined upon, and the vessel is building parallel to the river, and in such a position as to admit of the easy construction of an inclined plance at the proper angle down to low water-mark.

becoming an indisoluble structure. The compartments between the outer and inner skin will hold 8,000 tons of water ballast, should it be required. The web plates are of inch iron, and the cuter and inner akins are of three-quarter inch iron.

Mississippi Central Railroad.

Mr. Green, the Chief Engineer of this road, exproper angle down to low water-mark

"In constructing the foundation of the floor on which the ship is being built, provision is made at two points to insure sufficient strength to bear the whole weight of the ship when completed.— At these two points, when the launching has to be effected, two cradles will be introduced, and the whole will probably be lowered down gradu ally to low water-mark; whence, on the ensuing tide, the vessel will be floated off. The operation may thus be performed as slowly as may be found convenient; or if, upon further consideration more rapid launching should be thought prefera

ble it may be adopted."

The next point to be considered is the progres of the work. The Great Eastern is not a mere theory, but an an actual fact. The work is really and rapidly progressing, and should no unforce een obstacles arise, it is expected that the ship will be launched before next Christmas. of time was necessarily expended in making suit. able preparations for the work, and erecting the machinery in the builders'-yard for shaping, punching, planing and cutting the plates, and for bringing so large an undertaking into working order. The first plate was laid in May last, and at the present time 500 men are at work upon the ship in all departments. Unlike other vessels, the keels of which are laid and the framing erected therefrom and plated over, the "Great East-ern" is building in sections, the midship section being first built up to its full altitude, and the iron decks laid, and the other sections, fore and aft, being successively built in like manner, and joined to the preceeding section. A number of these sections are built, the model of the stern port is erected, and the riband, or outline of the after part of the ship, is already put up.

In her external appearance, drawing the inference from the working model, we should say the Great Eastern will be a sightly ship. She is moulded with very fine lines forward and aft, and she will have an elliptical stern.

Her deck is to be flush, except for cabin entrances and similar purposes, so that a promenade more than twice the length of the Great Britain's deck will be available for the passengers on board this ship, and which from her great size, ought at all times to be free from shipping water.

If the reader will imagine a ship built of any size, and then a smaller ship built and placed in the larger, he will form some idea (though not a full one) of the Great Eastern.

Perhaps the best terms to describe these inner and onter ships is to call them the inner and outer skins. The distance between the inner and outer skin, or ship, is 2 feet 10 inches. The floor of the ship, as previously stated, is perfectly flat, the keel being turned inwards and rivited to the inner ship's keel. These several skins are joined to each other by lungitudinal webs or girders, formed of plate and angle iron. There are seventeen of these webs on each side of the ship, which run the entire length of the vessel, and they are placed at such distances as to extend upward, at in-tervals of about three feet, from the keel to the main deck, and they are again closed up in lengths varying from 20 to 60 feet. Thus the outer and the inner ships are joined together by means of a great number of water-tight webs or cells, of extraordinary strength, giving the vessel a rigidity such as has never been communicated to a ship before. The main deck is treated in the same manner for a width of 20 feet on each side, and iron girders bind one side to the other, so that the entire vessel becomes, as it were a beam of way to be carried out into the river, would, under any circumstances, be a serious difficulty.

"These considerations led me to examine into fastenings; and the webbed or honey-comb cells

presses very confidently the opinion that, by the 4th of July next, the cars will be running to Holly Springs.—On the 1st day of January next, the contractors will commence laying down the rails feom Holly Springs in the direction of Oxford, and at the same time from Canton in the direction of Lexington. On the 1st day of April next, saving accidents, the Central Railroad will be in operation from Memphis to Oxford .- Brandon Rep.

Pennsylvania Coal Company.

The stockholders of the Pennsylvania Coal Company on the 18th inst., elected Directors for the ensuing year as follows: John Ewen, Isaac L. Platt, Mosses Taylor, W. R. Griffith, Irad Hawley, Wm. F. Havemeyer, Wm. H. Falls, Charles Morgan and George A. Hoyt. John Ewen has been chosen President and E. H. Mead, Sec-

Michigan Central Railroad Company.

Report of the Directors to the Stockholders .-With this, you have the report of Mr. Livermore, the Treasurer, and Mr. Rice, the Superintendent, showing the details and the results of our opera-

tions for the year ending May 31st, 1855.

Some of the principal items in the operation of

the last two years co	ompare as follo	WS:
-out on Bunguické (Year ending May 31, 1854.	Year ending May 31, 1855.
Earnings from Pas- sengers Do. from Freight.	\$855,917 94 673,019 70	\$1,246,409 00 900,446 03
Earnings from Mis- cellaneous	50,475 00	68,428 70
Gross Earnings \$ Operating Expenses,includingState	\$1,579,412 64	\$2,215,283 73
Taxes	\$903,944 38	\$1,335,627 48
Net Earnings No. of Way Passen-	\$675,468 26	\$879,656 25
gers No. of Through	245,028	345,138
Passengers	112,908	158,636
Total No. of Passengers	357,936	503,774
No.of tons of Freight moved	216,583	241,825
No. of miles run by Engines	1,150,000	1,292,789
Engines per mile	\$1.38	\$1.71

The receipts for the year differ in a small de-gree from the earnings, the difference growing out of the greater or less amount of uncollected earnings outstanding at the date of the report.

The receipts for the year ending May 31st, 1855,

\$2,274,128 51 Operating expenses for same time. 1,335,627 48

Net receipts..... \$938,501 03 This amount has been disposed of as follows: interest and coupon account \$360,903 48

The increase of passenger earnings has been 46 per cent., and of freight 34 per cent.
Increase of gross earnings 40 per cent., and of operating expenses 48 per cent.
The cost of our road from Detroit to its junc-

tion with the Illinois Central Railroad, in Illinois, 269 miles, including very valuable depot accom-modations in the city of Chicago, has been In addition to which we have in

steamboats.... Stock and Bonds in the New Albany and Salem Railroad Com-

pany, which it is believed will ultimately be valuable, though not available at present.... Construction Bonds of the Illinois

Central Railroad, which can be sold at certain periods in 1856, the par value of which is amply guaranteed to this Company

800,000 00 As this road has assumed a magnitude in length and capacity, cost and earnings, not originally anticipated by some of its friends, it may not be improper at this time to take a short view of its

rise, progress, and present position.

The road was commenced by the State, and constructed with the wood and flat bar superstructure as far as Kalamazoo, 143 miles from Detroit, when in 1846 it was purchased by capitalists from New York and New England, for two millions of dollars. The charter was drawn with great care, and is in the nature of a contract with the State, containing valuable rights and privileges, for which a large portion of the pecuniary consideration was paid. Any controversy with regard to such rights and privileges is thus brought within the jurisdiction of the United States Courts. The evident design of the State was to make a road across the Peninsula only from Detroit to Lake Michigan. It was apparent to the pur-chasers that, with the great and growing West be-yond, the ultimate interest of the Stockholders, though perhaps temporarily suffering, would be promoted by the construction of a more permanent work, of large capacity, and its extension through the north end of Indiana to Chicago.

The charter of this company, with its subse-

The charter of this company, with its subsequent amendments, gave ample power to accomplish the desired purpose, but through Indiana and in Illinois they had no charters.

To get through Indiana an arrangement was made with the New Albany and Salem Railroad Company (which possessed the legal right) to expect the second of tend their road from the Southern part of the State to our line at Michigan City, and permit our company to use its right to build from thence to the State line at Illinois. To do this required the large investment before named in the securities of that company, which we have carried at a considerable sacrifice, and, until the line was opened for through business, without any return or business advantage. We have, however, with that company very valuable running arrange-ments, which, now that their line is opened through, are beginning to be felt in our earnings. We regard this road as a valuable feeder to ours, and trust we shall ultimately realize such a sum for our securities in that company as to show the value of the connection to have been cheaply purchased.

To reach Chicago we had no charter in the State of Illinois, and made an arrangement with the Illinois Central Railroad Company, by which our line is used by both companies. Had we a charter for this portion of our line, it would have been very questionable whether it were wise to construct an independent line, with its very expensive entrance into that city, which could not have been done and so good a location for depots reached for less, probably, than one million dollars. To effect this and to secure very valuable permanent running and ticketing arrangements with them, required large advances to be made to that company. These advances, though collaterally well secured, had to be carried through the late money pressure at a large sacrifice to this company. We believe, however, the fruits of this sacrifice will be an ample reward.

sacrifice will be an ample reward.

The depot location in Chicago is upon the lake shore, at the mouth of the harbor, as close as possible to the very centre of business. The freight

road, in Illinois, grounds are owned separately by the two companies, and the passenger accommodations jointly in equal parts. The passenger depot now constructing is 500 feet long and 167 wide, the roof to make a clear span of the whole width. Into this depot will concentrate the trains of the Galena Branch of the Illinois Central road, connecting by steamboats with the whole of the Upper Mississippi Valley, the trains of their Chicago mg by steamboats with the whole of the Upper-Mississippi Valley, the trains of their Chicago Branch connecting at Cairo with steamers for the lower Mississippi and New Orleans, the trains of the St. Louis and Chicago lines, and such other lines as may in time avail themselves of so exten-sive and central a position. The business of nearly 1500 miles of railroad and their extensive 599 763 99 steamboat connections coming into one terminus at Chicago will add very much to the business of our line, as its eastern outlet.

During the past year the Joliet and Northern Indiana Railroad has been so far completed that it will be brought into use before the close of the present month. This line commences at Lake Station, on our road and extends almost due west about 44½ miles to Joliet, as will appear by the accompanying map, which is the Northern terminus of the Chicago, Alton, and St. Louis Railroad. It also connects at that point with the Rock Island Railroad, giving to that line a better eastern outlet than they can get by any other route. Twenty-four and a half miles west of Lake Station, this line crosses the Illinois Central Railroad. By it we reach the business of some 350 miles of that road, with its Lower Mississippi steamboat connection, with a saving of 38 miles over their route, via Chicago. We reach the Chi-cago, Alton, and St. Louis line and save 31 miles over their old route, and the Rock Island road at over their out route, and the Acck leads rout as a saving of 31 miles. Besides the great amount of through business which must come over this line, giving, as it does, a shorter outlet than any other for several large lines of railroads, the counterproperty of the same router of the several large lines of railroads, the counterproperty of the same router of the same route try through which it passes is very fertile, especially the western part of it, and much advanced in settlement and cultivation, which will furnish a good local business, a large portion of which will find a market through our road at and east of Detroit

That road was last September leased by this company under a perpetual lease, for two thous-and dollars per mile per annum. The road to be constructed in every respect as well as our road in the State of Indiana. Subsequently, at the desire of the Illinois Central Railroad Company, (a large portion of whose business going over our road will pass by this line) one half of said lease was taken by them and it is now owned jointly Each company is therefore to pay one half of the \$89,000 rent. Besides securing very advantage-ous connections to both companies, we believe the line will yield more net profit than the rent amounts

Since the last Annual Report, the New Albany and Salem Railroad has been opened its whole length, 288 miles, from Michigan City to the Ohio River.

The Joliet and Northern Indiana road will be put in operation during the present month.— Whether the large expenditure our company has made to reach the sources of business in the great West has been judicious, whether the anticipations are to be realized is now to be determined; certain it is that the principal original holders of the stock have in the main largely increased their interests and evinced a purpose to await the result of their steadily pursued plans and policy, and we doubt not that result will at least meet their just expectations.

A portion of these new sources of revenue have been brought into use the present spring.

The earnings compare with last year, as fol-

lows:

1854. 1855. Gain.

March. . . \$118,257 71 \$161,054 01 \$47,796 30

April . . . 145,156 07 235,484 79 90,328 72

May . . . 200,020 02 293,388 51 98,318 49

\$458,488 80 \$689,877 81 \$231,448 51

Although we do not expect this percentage of gain to hold so large as the past three months, we have no reason to offer why it should not be very large through the present year, or why the new lines yet to be opened during the coming season will not produce a considerable increase in the business of 1856 over that of the present

p add and ar By order of the Board. 291111119 ser ved bermrontumaer and J. W. BROOKS, W. II. Vice President.

The following general account is copied from the report of the Treasurer.

GENERAL ACCOUNT.

consist and and and		DR.
To Capital Stock	e experience.	\$6.021.916 00
Bond Account.		anies with Sp
6 per cent. Sterl.		Contract of the Contract of th
Bonds, uncon-	ib barroquin ar	The from bein
vertible	Ø469 619 99	or our supervi
8 per cent. Sterl.	\$400,010 00	ar odie ma m
Bonds converti-		
ble	500 000 00	
	500,000 00	
8 per cent.Bonds,	1 440 450 00	
unconvertible .	1,442,450 00	PRESENT LANGUE LINE
8 per cent. Bonds,	0 100 000 00	Gentlances, in re
convertible	3,188,000 00	the Springs lerral
is a serie found there, at	me al-language survivor	5,594,063 33
Income Account		the Ideal Light ext
Account		236,787 55
Bills Payable an	d Receivable,	n vicellaste rindi p
Balance of this	Account	315,222 56
The state of the s	279875	
the Cagines and Ten- pa	Scientische Aufgete	12,163,989 44
in wallout the World	You can easily , res	CR.
By Construction No.	1. Purchase of	Va.
Road		\$2,000,000 00
Construction No. 2	Evnenditures	This is to cooperate
since purchase.	LAPOHUICUTOS	8,300,147 03
Cash on hand		11,331 64
Assets in hands U	T Home Lo	11,001,09
cal Treasurer	. I. Howe, no-	E1 004 10
Assets in hands I	N Dies Co	51,264 13
		- 57.550 01
perintendent		57,552 61
New Albany and	Salem Rau-	(Office, P)
road Company	stock and	#00 des
Bonds	************	599,768 99
Illinois Central Ra	uroad Compa-	SEPTEMBER OF SERVICE
ny Bonds	THE CHEM THE MERITY COL	800 000 00

\$12,163,939 44

800,000 00

343,880 04

ELLIOTT & CO. NO. 4 WILLIAM STREET, NEW YORK.

ny Bonds....

Steamboats....

RAILROAD AGENTS

COMMISSION MERCHANTS.

PURCHASE AND SELL ON COMMISSION

FOR RAILROAD COMPANIES.

RAILROAD IRON—They contract upon the most favorable terms for the delivery of Bails either on hoard ship in England or in the United States.

LOCOMOTIVES & CARS.—Having connection with some of the beat builders, they furnish the beat at the lowest rates for cash or good paper.

WHEELS & AXLES.—They are Agents for two of the beat Forges, and one of the first Wheel Makers, and can supply orders with promptness and to give satisfaction.

CHAIRS & SPIKES.—They are authorised to sell wrought and cast iron chairs and spikes from the best known makers at the lowest rates.

All orders will be promptly filled and at the lowest market prices.

CAR FINDINGS in variety. CAR FIRDINGS in variety.

5.7 Railroad Secretaries are particularly requested to forward by mail copies of their Esports from the first ELLIOTT & CO.,

No. 4 William st., N. Y.

H. SCHLARBAUM,

SURVEYORS LEVELS, COMPASSES and other Maste-matical Instruments made with great care and for make at low prices. Repairs done in the best manner,

CAR, LOCOMOTIVE, AND TENDER SPRING ng is 500 feet long and 167

and your so reserve of the MANUFACTORY. to be opened during the coming

cake a clear span of

We beg leave to present the following Certificates to the consideration of Railroad Companies and Car Builders, for the quality of CAR, LOCOMOTIVE, AND TENDER SPRINGS manufactured by us.

At the same time we would inform Railroad Companies and Car Builders that we have extended our works, and will be happy to execute any orders for Steel Springs for Cars, Locomotives, or Tenders, of any design or pattern which they may see proper to intrust to us, at the lowest prices, and on terms which will prove satisfactory.

From our long experience as Spring manufacturers, we are enabled to supply Railroad Companies with Spring Steel, of superior quality, converted from Swede Steel Iron.

The iron being imported direct from Stockholm by ourselves, and Converted and Rolled un-Yours respectfully, der our supervision. 18.8348 vertible....

JAMES JEFFRIES & SON,

Philada, Feb. 27, 1852.

Bonds converti-

Gentlemen: In reply to your inquiries as to the character of the Springs furnished by you for Locomotive Engines and Tenders, take pleasure in saying that I have found them, both in material and workmanship, superior to anything else of the kind that ever came under my notice. I have occursionally tried the Springs of other manufacturers, but in testing their elasticity and strength with the apparatus I have found none combining the requisities of a good spring, viz., lightness, elasticity, and durability, in so miners a degree as yours. MESSES, JAMES JEFFRIES & SON,

00 000 003

ing, viz., inguished degree as yours.

If them exclusively under the Engines and Tenmake, and can safely recommend them to others.

Yours truly, M. W. BALDWIN.

Ofice, Penn's Rail Road Co.

Philad's, Feb. 28, 1859.

This is to certify, that James Jaffries & Son manufactured bearly all of the Steel Springs used on the Georgia Rail Road while I had charge of that work, and have also furnished hose that have been used on the Pennsylvania Rail Road hose that have been used on the Pennsylvania Rail Road lose character of their work has always given entire entisfacton, and I cheerfully recommend their Springs to the patronge of Rail Road Companies and Car Buildern.

J. EDGAR THOMSON,

Chief Engineer and President Penn's Rail Road Co.

Office, Phil's, German

personal states of the state of

This is to certify, that we have used Car Springs made by auce Juffries & Son, for the period of twelve years, and find som a very superior article, so much so, that we shall always onlinue to use them. DUTLER, HUMPHERYS & CO. Propriators of Union Line of Trans. from Phils to Plittiburg

Gentlemen: We have been using your Steel Springs under ar Cars for a number of years, they have given entire satisfaction, and have proved themselves superior to any other that we have used. Their good qualities should commend hears to any who have need of an article so difficult to obtain the same whose the same trails. y who have need of a article so difficult to obtain Yours truly, HARRIS & LEECH, we of Leach's Trans. Line from Phil's to Pittiburg.

Richmond, Jan. 0, 1502.

Richmond, Jan. 0, 150

a. Thomas Jaryanes, in Siring that the Springs made is firm of which you are a member, and which I have sing for the last eight years on Locomotives and Tenand, also, on Passenger, Freight, and Coal Cars, have the utmost sutsfaction, and I consider them superfer I have received from other establishments during the period, and shall still continue to send you our ordern we may want.

Very respectfully yours,

THOMAS DODAMEAD,

Superintendent R. & P. R. R.

Superintendent's Ofice, C. R. R. Seventuel, Ga., Jun. 21, 1852. rtify, the Car and Locomotive Springs made by I defines & Son, of Philadelphia, have been the defor a number of years, and have given entire

REAR OF GIRARD HOUSE.

The house of James Jeffries & Son, of Philadelphis, had great pleasure in stating that they have always turned out well, and I believe their work can not be surpassed by any in the country.

H. D. BIRD.

President.

Charleson, Jan. 21, 1852.

This is to certify, that the South Carolina Rail Road Company have for a number of years been using the Steel Springs manufactured by Messra. J. Jeffries & Son, of Philadelphia, for their Locomotive Engines, and for both Passenger and Freight Cars, and I take pleasure in stating that they have given entire satisfaction, and recommend them to the patronage of all Rail Road Companies requiring such articles.

J. D. PETCH. Sup's Trans. & Motive Power So. Ca. R. R. Co.

This is to certify, that I have used Springs made by Jan Jeffries & Son for the period of five years, and consider the equal, if not superior to any others that I have had in use.

JOSEPH S. LEWIS

Georgia Rail Read,
Angusta, Ga., Jan. 1, 1852
To whom it may concern.—We have used Springs manufactured by Mesara, James Jeffries and Son, for the Locomotives and Cars of our road for the last ten years, and have no hesitation in recommending them as having given general satisfication. General Super

Macon & Western Rall Road Macon, Ga., Jan. 25, 1852.

Missons, J. Jayraixs & Son,
Gentlemen: This Company has for several years purchased and used, under Cars and Engines, Steel Springs manufactured by you. We have also purchased from other manufacturers and made Springs ourselves.

Yours have given entire satisfaction, and have proved themselves equal, if not superior to any we have used. Their excellent qualities should commend them to all who have need of an article so difficult to obtain in perfection.

Yours, very respectfully, EMERSON FOOTE, Superintendent,

Macon, Ga., January 24, 1852.

Massas, James Jepperes & Son,

Gentlemen: In reply to your inquiries in reference to Steel Springs, I take pleasure in eaving, that I have been in the way of observing Springs in use on Cars and Locomotives, on various Rail Roads, for seventeen, years past, more particularly on the Central Rail Road of Georgia for eight years past, and during said seventeen years have been practically acquainted with your make of Springs, and I have no hesitation in saying, that your Springs with open work are the best Steel Springs I have ever used or seen in use.

Yours, respectfully, GEO, W. ADAMS, Superintendent S. W. R. R. of Georgia.

MESSES. JAMES JEFFRIES & SON, Gentlemen: This road has used the Springs made by firm since its first opening, under both Engine and Cara they have given entire satisfaction to all. firm since he the chirac satisfaction to they have given entire satisfaction to they have given entire satisfaction to

WM. D. FULTON,

Montgomery & West Point R. R. Co.
Montgomery & La. Feb. 23, 1852.
This may cardify that this Company have been for years
using both under their Engines and Care. Springs from the
manufactory of James Jeffries & Son, of Philadelphia, and
are so well satisfied of their superiority that we can confident
by recommend them to all

AP WELDED WROUGHT IRON FLUES of a very excellent quality for Ecomotive builders, imported to order at low price. Samples may be seen at 1m24 ELLIOTT & CO.'S B. B. Agency, 4 William st.

Freight Cars.

WE offer for sale at a large bargain—25 Box Freight Cars, built in the best manner by Harlon and Holtingaworth, Wilmington, Del. They are for 5 ft. gauge.

1m24

ELLIOTT & CO., 4 William st.

Passenger Cars.

WE offer for sale 10 first class 60 seat Passenger Cars. 1m24 ELLIOTT & CO, No. 4 William st.

DIVIDEND NOTICE.

The Semi-Annual Interest falling due in this city on the first day of July, 1855, on the following named Securities, will be paid on and after Monday, the 2d proximo, at the office of the undersigned, on presentation of the proper coupons, vizh-unti mov

The Bonds of the State of Indiana for Banking purposes, issued in 1834, being the \$300,000 Loan, 5 per cents.

The Bonds of the City of Pittsburgh, Pa., issued to the Ohio and Pennsylvania Railroad Co., 6 per

The Bonds of the City of Pittsburgh, issued to the Pittsburgh and Connellsville Railroad Co., 6 ner cents.

The Bonds of the City of Alleghany, Pa., issued to the Ohio and Pennsylvania Railroad Co., 6 per

The Bonds of the City of Chillicothe, Ohio, issued to the Marietta and Cincinnati Railroad Co., 7 per cents.

The Bonds of the City of Marietta, Ohio, issued to the Marietta and Cincinnati Railroad Co., 7 per

The Bonds of the City of Wheeling, Va., issued to the Marietta and Cincinnnati Railroad Co., 6 per cents.

The Bonds of the City of New Albany, Ind., issued to the New Albany and Salem Railroad Co., 7 per cents.

The Bonds of the Town of Harmer, Ohio, issued to the Marietta and Cincinnati Railroad Co., 7 per cents.

The Bonds of Franklin County, Ohio, issued to the Cleveland, Columbus and Cincinnati Railroad Company.

The Bonds of Franklin County, Ohio, issued to the Columbus and Xenia Railroad Co., 7 per cents.

The Bonds of Greene County, Ohio, issued to the Columbus and Xenia Railroad Co., 7 per cents.

The Bonds of Stark County, Ohio, issued to the Ohio and Pennsylvania Railroad Co., 6 per cents.

The Bonds of Richland County, Ohio, issued to the Ohio and Pennsylvania Railroad Co., 6 per

The Bonds of Alleghany County, Pa., Special Loan of \$75,000, 6 per cents.

The Bonds of Alleghany County, Pa., issued to the Pittsburgh and Connellsville Railroad Co., 6 per cents.

Ross County (Ohio) Bonds, issued to the Marietta and Cincinnati Railroad Co., 7 per cents.

Athens County (Ohio) Bonds, issued to the Marietta and Cincinnati Railroad Co., 7 per cents. Washington County (Ohio) Bonds, issued to the Marietta and Cincinnati Railroad Co., 7 per cents.

Van Wert County (Ohio) Bonds, issued to the Ohio and Indiana Railroad Co., 7 per cents.

Allen County (Ohio) Bonds, issued to the Ohio and Indiana Railroad Co., 7 per cents.

Allen County (Indiana) Bonds, issued to the Ohio and Indiana Railroad Co., 7 per cents.

Crawford County (Ohio) Bonds, issued to the Ohio and Indiana Railroad Co., 6 per cents.

The Bonds of Champaign County, Ohio, issued to the Columbus, Piqua and Indiana Railroad Co., 7 per cents.

The Ohio and Pennsylvania Railroad Co., Mortgage Bonds, 7 per cents.

The Marietta and Cincinnati Railroad Co., 1st Mortgage Bonds, 7 per cents.

Fort Wayne and Chicago Railroad Co., 1st Mortgage Bonds, 7 per cents.

WINSLOW, LANIER & CO., 52 WALL ST. NEW YORK, June 27th, 1855.

DIVIDEND NOTICE.

The Coupons falling due on the 1st of July next, on Six per cent. Bonds of the City of Covington, Ky., guaranteed by the Covington and Lexington Railroad Company, will be paid on Monday, the 2d of July, at the office of WINS-LOW, LANIER & CO., 52 WALL STREET, NEW S. J. WALKER, Treasurer,

Covington and Lexington Railroad Co. June 27, 1855.

DIVIDEND NOTICE.

The Semi-Annual Interest falling due on the 1st of July, 1855, on the First Mortgage Bonds, and the Real Estate Bonds (special mortgage) of the Bellefontaine and Indiana Railroad Company, will be paid on and after that date at the banking office of WINSLOW, LANIER & CO., No., 52 WALL STREET, NEW YORK.

JAS. H. GOODMAN, President, Bellefontaine and Indiana Railroad Co. Dated Marion, (O.,) June 20, 1855.

DIVIDEND NOTICE.

The Semi-Annual Interest falling due on the 1st of July, 1855, on the First Mortgage Bonds of the Dayton and Michigan Railroad Company, will be paid on and after that date at the banking office of WINSLOW, LANIER & CO., 52 WALL STREET, NEW YORK.

HENRY S. MAYO, Treasurer, Dayton and Michigan Railroad Co. Dated Troy, (O.,) June 20, 1855.

DIVIDEND NOTICE.

The Semi-Annual Interest falling due on the 1st of July, 1855, on the First Mortgage Bonds of the Indianapolis and Bellefontaine Railroad Company, will be paid on and after that date, at the banking office of WINSLOW, LANIER & Co., 52 WALL STREET, NEW YORK.

THOS. H. SHARPE, Treasurer, Indianapolis and Bellefontaine Railroad Co. Dated Indianapolis, (Ind.,) June 20, 1855.

DIVIDEND NOTICE.

The Coupons falling due on the 1st of July next, on the Income Bonds of the Indiana Central Railroad Company, will be paid on and after the 2d day of July prox. at the office of WINS-LOW, LANIER & CO., 52 WALL STREET, NEW 1922 York, on presentation of the proper Coupon.

JOHN S. NEWMAN, President, Indianapolis, June 25, 1855.

. Notice to Contractors.

SEALED PROPOSALS will be received at the office of the subscribers, in Dresden, Weakley county, Tennessee, until Monday, June 11th, 12 o'clock a.m., for the grubbing and clearing, grading, masonry, &c., of fifty miles of the Western division of the Nashville and Northwestern Railroad, being that portion from the junction of the Mobile and Ohio Road from Obion (13) miles from Hickman in Ky.,) to Huntington in Carroll county. The work is divided in sections of about one mile each, and bids will include one or more sections. The soil is light and easily excavated; the location is healthy and well watered, and supplies are abundant and cheap. Payments will be made monthly in cash, but propositions will be favorably considered for a portion to be paid in stock or bonds of the road.

Bids will be received at our office in the city of Nashville for the grading and masoury of thirty miles of the Eastern division of said road, until Tuesday, July 10th, A.M. This division of the work is heavy—containing about 140,000 yards of rock excavation—25,000 yards of masonry, besides a large amount of earth excavation, bridging, &c. The entire road is easy of access, via Cumberland River to Nashville, Tennessee River to Reynolds burgh and Hickman on the Mississippi, with good roads along the entire line. Profile, plans and specifications may be seen at the office in Nashville, at any time before the letting, and at Dres-den one week previous to letting the Western division. BECKER & RUST,

General Contractors.

Wm. S. Rowland & Co.,

RAILROAD IRON ANT

Commission Merchants, NEGOTIATORS OF CREDIT FOR RAILROAD COMPANIES,

No. 6 WALL STREET,

United States Railroad Car Brake Company,

No. 62 BEAVER ST., NEW YORK.

President, Secretary and Treasurer, GOUVERNEUR MORRIS, NORMAN S, WASHBURN, General Agent—WILLIAM G. OREAMER.

General Agent—WILLIAM G. ORBAMER.

Directors.

GOUVERNEUR MORRIS, HENRY SHELDEN,
JOHN M. HOPKINS, WILLIAM NORRIS,

WILLIAM G. OREAMER.

We now offer to Railroad Gompanies the cheapest, simplest,
and most efficient method of enabling the engineer of a locomotive to apply the entire brakes of a train that has ever been
made. We have in our office a full-size model showing the
operation of this invention perfectly, to which we sak the attention of all persons interested in railroads. It is needless to deseribe the advantages of giving the engineer the power to apply the brakes. Suffice it to say there is hardly a railroad accideat occurs but the adoption and proper understanding of
this invention would totally prevent or greatly mitigate. Its
immediate adoption, is demanded as well by the interests of
the Company as the safety of persons and property canveyed
by railroads. We offer every facility to Companies desirons of
testing for themselves the advantages of this method. For offer every facility to Companies desirelyes the advantages of this method. testing for themselves the advantages of this method. For circulars and other information apply at the office of the Cou

W. G. CREAMER, General Agent.

The Troy Iron Bridge Co.

A BE prepared to erect Iron Bridges or Roofs, or any kind of bearing trusses, girders, or beams, to span one thousand feet or under, of any required strength, in any part of the country. Their bridges will be subjected to severe tests, and can be built for about the price of good wooden ones. Address BLANCHARD & FELLOWS, Troy, N. Y. April 1st, 1856.

Railroad Iron.

THE undersigned having leased the extensive works of the Cambria Iron Company, situated at Johnstown, Cambria County, Penna, and purchased all their personal estate are now prepared to execute at short notice orders for rails of any required pattern or weight, on the most liberal terms.

WOOD, MORRELL & CO., Johnstown, Cambris Co., Pa.

1y22 Philadelphia Office: North Penna. R. B. Building

Theodore D. Judah, Chief Engineer, Sacramento Valley Railroad, Sacramento, Oal.

Lithography. comat

G. WHISENBORN, Civil Engineer and draughtsman 131.
Fulton St. up scient; also gives his attention to the engraving of maps, and machinery on stone. Locomotives are neatly lithographed at this establishment on the most reasonable terms.—Orders are solicited.

PHILADELPHIA RAILWAY AGENCY

General Furnishing Depot OF ALL ARTICLES REQUIRED BY

RAILROAD COMPANIES. No. 80 South Fourth at

PHILADELPHIA

Railroad Chairs, Railroad Spikes, Car Wheels,
Car Arles,
Boiler and Tank Rivets,
Bolts, Nuts, Washers,
Car Lanterns and Lamps, Engineers Lanterns, Locomotive Head Lights, Car and Switch Locks, Jack Strews, Viss, Patent Oil Cana, Steam Glages, Steam Whistles,

Car Lanterns and Lamps, Steam Whistles, Conductors' Lanterns, Spring Balances, Car Findings &c., &c.,

A. L. orders promptly filed at manufacturers' prices and fortwarded with despatch. Particular attention paid to contracting for Locomovives, Cars, Railroad Iron, &c.

The subscriber being Agent for several manufacturers of Machinesty Tools is enabled to furnish Railroad Companies with Lathes, Planing Machines, Drills, &c., of the best quality at manufacturers' prices.—Orders solicited

THOS M. CASH

THOS. M. CASH.



No. 22 Pear Street, below Walnus, PHILADELPHIA.

To Railroad Companies, Bridge Builders, Merchants and Machinists.

THE undersigned continue to manufacture at the Treedegm. Iron Works, Richmond, Va., Bar Iron of every description, kairond Chairs and Spikes, Gar and Locomotive Aries, &c., can doubte a call from those in want of such articles, before they make their purchases.

Our iron has been used very extensively for the last 18 years in the construction of Government work, Railroad Pastenings, Bridge Bolts and other Bridge work; and has given universal satisfaction.

On this point we give a copy of a letter received from one well qualified to give an opinion on the subject, having a very arge experience.

MORRISS & TANNER.

arge experience.

MORHISS & TANNIH.

SPICE MASTER OF ROAD RALT. & OHO M. E. CO.

Baltimore, Murch 9th, 1955.

Messrs. Morriss & Tanner, Tredegar from Works.

I take great pleasure in recommending the Bar Iron manuscatured at your establishment to all who are in want of a she perior article. I have used it in the construction of Iron, Bridges, and also for Chairs and Fastenings for Track and see free to say that for strength and finish it compares favorably with the best manufactured American Iros.

3m14

W. BOLLHAR. Master of Road. W. BOLLMAN. Master of Road.

Notice to Contractors.

OFFICE OF DUBUQUE & PACIFIC RAILBOAD CO.

Dubuque. 20th June, 1856

SEALED PROPOSALS will be received at this Office until the 20th July next, for the Grading, Masonry, Superstructure, and Equippage &c.; required to construct and complete the First Division of the Road of this Company, extending West of Dyersville, a distance of 30 miles.

The means of the Company amount to the sum of \$500,000; the balance must be furnished by the

Contractors. No proposals will be entertained, except from parties of the most unquestionable ability.

Maps, Profiles, Plans, Estimates, &c., can be seen at this Office. Any information can be obtained by addressing the Secretary of this Company at Dubuque, or R. B. Mason, Esq., Chief Engineer, Chicago.

I. P. FARLEY, Prest. EDWARD STIMSON, Sec.

James Herron, tril Engineer, OF THE UNITED STATES NAVY YARD,

BERRON RAILWAY TRACK

Models of this Track, on the most improved plan may be seen at the Engineer's office of the New York & Eric Rajiroad

Meigs & Greenleaf,

Office No. 23 William et.,

WILL give prompt attention to the purchase and sale of

BTOOKS, BONDS, Ac., strictly on commission. Orders

respectfully solicited.

OHAS. A. MEIGS, late Cashier Am. Ex. Bank.

A. W. GREENLEAP, late of No. 2 Wall st.

REFERENCES: American Exchange Bank, Bank of the Republic, Metropolitan Bank, Merchants' Bank.

1y18

AUBURN STEAM FORGE.

AUBURN, N. Y .- CHAS. RICHARDSON, Proprietor.

Car and Locomotive Axles,

STEAMBOAT AND MILL SHAFTS. CRANKS, CRANK PINS, CONNECTING RODS, Wagen Axies, Pick Axes, Crow Bars, &c., &c., of the best assorted Scrap Iron, and WARRANTED. [10.

of the best assorted Scrap Iron, and WARRANTED. [10.there is a series of Detroit, April 2d, 1856.]

THE BOARD OF WATER COMMISSIONERS of the city of Detroit, pursuant to an act of the Legislature of the State of Michigan, will receive Scaled Proposals until the cleventh day of June next, at 12 c'olock, A.M., for a loan upon the credit of the city of Detroit, for the sum of Two Hundred and Fifty Thousand Dollars, and upon bonds, as follows. Fifty thousand dollars, payable in theirty years, and one hundred thousand dollars, payable in theirty very ears; one hundred thousand dollars, payable in theirty-five years, with interest, at seven per cent. per annum, payable semi-annually. The principal and interest payable in the city of New York.

No proposal will be received for a less rate than the par value of such Bonds.

Proposals to be directed to the "President of the Board of Water Commissioners of the city of Detroit," and endorsed "Proposals for Loss."

EMUNDA J. BRUSH, SHUBAEL CONANT, HENRY LEDYARD, JAMES A. VAN DYKE, WILLIAM R. NOYES, Commissioners.

For Sale.

BY the Baltimore and Ohio Railroad Company, 24 crate cars adapted to railroad purpose, which will be sold at a reasonable price. For further information, apply to SAMUEL J. HAYES,
M. of M. Baltimore and Ohio R. R. Co.,

M. of M. Baltimore and Ohio B. R. Co., or, BRIDGES & BRO., 64 Courtland st., New York.

Machinists' Tools.

A SUPERIOR CLASS.

DESIGNED particularly for Railroad work, manufectum by L. B. TING & CO., (late ALDRICH, TING & CO.)
October 7, 1863.

To Land Claimants in Texas.

I Pyou have any business in relation to Lands in Texas address W. B. Srooz, Clarksville, Red River County, Texas, and it will be attended to promptly.

To Railroad Companies. COLLINS' PATENT

VENTILATORS,

Ventilating all kinds of PUBLIC AND PRIVATE BUILDINGS Railroad Cars, Depots, et-

THE Subscribers would invite tention of the public to the above celebrated Patent Ventilator. This Ventilator is the best one now known of, for pure sir in rooms, and ejecting all foul air. It has been by all the principal Railroad Companies and Car Faond is extensively used for private dwellings, and for the smoky Chimneys cannot be excelled. Manufactured and

BAKER & WILLIAMS, No. 406 Market st., Girard Row, Sole Agents for Pennsylvvnia.

STRICKLAND KNEASS,
Principal Assistant Engineer P. R.R. Co.
OLIVER W. BARNES,
Principal Assistant Engineer P. R. Co.
G. B. STRAUGHAN
Sup't and Eng. Ohio and Indiana R. R.
MILLER,
North Pennsylvania R. R.

New York and Erie R. R.

On and after Monday, July 2d, and until further notice

PASSENGER TRAINS

Will leave Pier hot of Duane street,
as follows, viz:

DUNKINK EXPRESS, at 6 a.m., for Dunkirk.

BUFFALO. EXPRESS, at 6 a.m., for Dunkirk.

MAIL, at 8% a.m. for Dunkirk and Buffalo, and intermediate stations.

Passengers by this train will remain over night at Owego, and proceed the next morning.

BOOKLAND PASSENGER, at 5 p.m., from foot of Chambers St., via Piermont for Suffern's and intermediate stations.

WAT PASSENGER, at 6 p.m., for Newburgh and Otisville, and intermediate stations.

NIGHT EXPRESS, at 6 p.m., for Dunkirk and Buffalo.

EMIGRANY, at 6 p.m., for Dunkirk and Buffalo and intermediate stations.

STEAMBOAT EXPRESS, every day, excepting Saturdays, at

mediate stations.

STEAMBOAT EXPRESS, every day, excepting Saturdays, 6½ p.m., for Dunkirk and Buffalo and intermediate stations.

On Sundays Two Express Trains—at 5½ and 6½ p.m.
These Express Trains connect at Emira, with the Elmira of Niagara Falls at Buffalo and Durkirk with the Lake Shore Bailroad for Cleveland, Cincinnat Toledo, Detroit, Chicago, etc., and with first class splendi steamers for all ports on Lake Erie.

20.tf.

D. C. McCALLUM, General Sup't.

Philadelphia, Wilmington & Baltimore Railroad.

UNITED STATES MAIL ROUTE TO THE SOUTH AND WEST.

Mangaration of H Manni about M Mannis Trains will leave the Southern and Western Station, corner of troad and Prime streets, Philadelphia, at 8 30 am. 12 45, 3 and PARE BY THROUGH TICKETS TO THE SOUTH FARE BY THROUGH TICKETS TO THE WEST-

CHILLED WHEELS,

RAILROAD CARS & LOCOMOTIVE ENGINES

Bush & Lobdell. WILMINGTON, DELAWARE.

A RE prepared to execute promptly orders to any extent for their celebrated Wheels, (with or without axles,) the character of which is well known.

PROPOSALS FOR THE SALE

\$600,000 First Mortgage Convertible RAILROAD BONDS.

THE DELAWARE, LACKAWANNA AND WESTERN BAILROAD COMPANY offer for sale, at par, the remaining Six Hundred Thousand Dollars of their Seven per cent. Convertible Mort-gage Bonds, of their issue of One Million Five Hundred Thousand Dollars of the same tenor and date, authorized to be issued upon the Eastern Division of their road.

These Bonds are issued in sums of \$500 and \$1,000 each, transferable only on the books of the Company; the interest is payable semi-annually, at the office of the Company in this city, the principal being payable 1st of April, 1875.

They are secured by a first and only mortgage, executed to Moses Taylor and Louis A. Von Hoffman, Trustees, upon the Eastern Division of the Railroad, extending from the Lackawanna Valley east sixty-one miles to the Delaware river, for the completion of which they are issued. They are convertible into the capital of the company until 1st of April, 1860, from which time a sinking fund is provided, by semi-annual payments to the United States Trust Company, of New York, of an amount sufficient, with accruing interest, to liquidate whatever amount, if any, may not previously have been converted into stock.

The D. L. & W. R. R. Co. is a corporation chartered by the State of Pennsylvania and is both

a railroad and coal company.) Its railroad exa railroad and coal company. Its railroad extends from Great Bend, where it connects with the N. Y. & Erie R. R. southerly, crossing the Lackawanna Valley at the village of Scranton, and thence to the Delaware River, which it crosses about five miles below the Water Gap—a distance in all of 110 miles. At this point it connects with the New Jersey railroads, making a distance communication to New York and Philadelphia. The road is of the same gauge as the New phia. The road is of the same gauge as the New York and Erie (six feet) and a contract has been entered into with the New Jersey Central Railroad, by which the coal and other freight of the company will be brought, without changing cars to Elizabethport, and this arrangement will probably extend to a point opposite the city of New

The paid up capital of the Company is upwards of \$3,000,000, and its funded debt on both divisions, exclusive of the \$600,000 now offered for sale, is \$1,800,000. The coal estate consists of some fifteen hundred acres of the choicest lands, in the centre of the great Lackawanna coal basin, with ample machinery, cars, mining fixtures, tools, &c.

The Northern Division of the road has been in operation some three years, the net earnings of operation some three years, the net earnings of which, the past year, with the profits on coal, were sufficient to pay the interest on the whole capital stock and debt, including the expenditure of upwards of \$1,200,000 to the construction of the Eastern Division, which has not yet become productive, besides leaving a surplus of over \$70,000. The rapid increase in the business of the Transportation. portation Department, and the contracts for the sale of coal already made, ensure a still more favorable result for the present year.

It is believed the convertible privilege and sinking fund are features of these Bonds which will commend them to the public, and that their security for permanent investment is undoubted.

The following comparative statement of the increase of earnings in the Transportation Department, for the first four months of the years 1853, 1854 and 1855, may be taken as some indication of the progressive nature of the enterprize, as shown by the working of the Northern Division disconnectedly:

\$34,270 67 \$59,439 38 \$91,129 87

As the sales of coal, by the Northern outlet, are mainly dependent upon caual navigation, that item of increase cannot now be shown. The comparative results will be more favorable, however, than those shown in the Transportation Department; and the opening of the Eastern Division cannot fail to add largely to both the general traffic and the coal business of the company.

For further information, or for the reports of the operations of the company, for the years 1853 and 1854, apply at the office, 49 Wall street, where circulars may be had and application for the Bonds may be made. GEO. D. PHELPS, WM. E. WARREN, Treasurer.

MANAGERS DRAKE MILLS, JOHN J. PHELPS, WM. E. DODGE, GEORGE BULKLEY, JOHN I. BLAIR, ROSWELL SPRAGUE, MOSES TAYLOR, HENRY YOUNG, GEORGE W. SCRANTON, SAMUEL WILLETS.
A. J. ODELL, Secretary.
New York, May 12th, 1855. 1m21

Mill Seats and Timber Lands for Sale.

VALUABLE LUMBERING ESTABLISH-A ment in full operation, a large new mill, a good stock of logs on hand, and a quantity of sawed lumber in the yard.

Connected with the above is a large and desirable tract of timber land in Pennsylvania near the Delaware River and convenient to the New York and Eric Railway which will be sold in part or